

Unusually severe earthquake at 10:45 a. m. Beginning very light it gradually increased for about forty seconds until everything was shaken in earnest, then it decreased in strength and passed away in about ten seconds more. Every house in the city was more or less damaged by plaster falling, the mud or adobe walls cracking and the loose tiles on the roofs shaking off. No well built house of lumber, stone, or brick suffered any considerable damage; but one badly constructed house with old mud walls and weak roof fell in.

In Leon and Chinandega the earthquake was much more severe, leaving several buildings in ruins and injuring a few people. In these countries they have a habit of building very loosely. Many houses are constructed of blocks of mud laid up without any mortar or cement of any kind to hold them together. They also lay the tiles on the roofs without any fastening whatever. These buildings were of course badly shaken up and all the tiles need relaying.

As far as I know there was not a single death caused by this phenomenon. Since its occurrence there have been two or three slight tremblings every day until to-day. We have had none now for over twenty-four hours.

April 29.—Rivas, Nicaragua. Mr. Earl Flint reports earthquake at 10:25 a. m. (?local time); duration forty-seven seconds; from northwest; very sharp after the thirtieth second.

April 30.—Rivas, Nicaragua, 11 p. m., slight shock. The earthquake of the 29th was of longer duration and greater force on Simon, west of Managua, where large trees were uprooted. The large fissures near Managua show that the direction of the shock was east and west, whereas near Rivas it was northwest and northeast. At Managua many of our large buildings were destroyed but the adobe buildings used in this community have but little power to resist an earthquake shock. As no severe shocks have occurred at Rivas for a long period, Mr. Flint concludes that there is no danger whatever of serious injury to the construction works of the Nicaragua Canal Company, and he has submitted a long report on the geology and stratification of this region in substantiation of his conclusion.

May 1.—Ontario, Cal., slight shock 1:12 a. m. Sunday morning.

May 6 and 29.—Rivas, Nicaragua. Mr. Earl Flint says:

In my report for April I noted the severe earthquake of April 29, which was repeated on the 6th and 29th of May. Had surmised its origin as Momotombo, as that mountain is emitting smoke and ashes. The Government Canal Commission believes the earthquake originated at Santa Clara, finding there recent fissures, and considers Momotombo, as an outlet of gases, a safety valve like Ometepe, which erupted in 1883, since when it has not failed to emit smoke and sulphurous fumes. My nephew ascended the latter some two months since and found sulphur and sal ammoniac. He was there when two of the Canal Commission ascended on the same day as the earthquake.

June 2.—Trembling at Masaya, Nicaragua.

CORRIGENDA.

REVIEW for December, 1897, Vol. XXV, p. 540, second column, line 4 from bottom, for "11,378," read "3,300;" page 541, line 5, for "1875" read "1895;" page 541, line 6, for "8", read "12;" page 542, column 1, line 7 from bottom, for "December 15" read "December 29."

MONTHLY WEATHER REVIEW, February, 1898, p. 59, second column, line 9, and also in the corresponding paragraph on pages 103 and 163: The published reduced barometer for Port au Prince, Haiti, has been corrected for instrumental error and temperature of attached thermometer and the reduction to sea level, but has not been reduced to standard gravity; it, therefore, needs an additional correction of -0.064. This remark applies to all the published data from Port au Prince, according to a statement just received from Professor Scherer on his monthly record for May, 1898. The lines of text referred to should, therefore, read as follows: "The barometric readings have been corrected by Professor Scherer for temperature and elevation, but not for gravity."

MONTHLY WEATHER REVIEW, April, page 141, column 1, line 18, should read as follows: "A stage of about 44 feet will be reached at Evansville Wednesday, and a stage of about 47 feet at Cairo by noon Wednesday, the 30th." Page 165, column 1, line 25, for "22,500" read "225,000."

METEOROLOGICAL TABLES AND CHARTS.

By A. J. HENRY, Chief of Division of Records and Meteorological Data.

For text descriptive of tables and charts see page 172 of REVIEW for April, 1898.

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TABLE I.—Climatological data for Weather Bureau Stations, May, 1898.

Stations.	Elevation of instruments.		Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.						Precipitation, in inches.		Wind.		Cloudy days.		Average cloudiness, tenths.		Total snowfall.						
	Barometer above sea level, feet.	Thermometers above ground.	Mean actual, 8 a.m. and 8 p.m.	Mean reduced.	Departure from normal.	Mean max. and min. + 2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Minimum.	Date.	Mean minimum.	Greatest daily range.	Total.	Departure from normal.	Days with 0.1 or more.	Total movement, miles.	Pervailing direction.	Maximum velocity.	Date.				
	Anemometer above ground.	Mean.	Mean.	Departure from normal.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.	Mean.				
New England.																									
Eastport.	76	69	74	29.90	29.95	+ .03	47.8	+ 0.3	52.8	+ 1.1	55	10	42	44	82	+ 1.4	- 1.6	6.351	s.	29	11	6.6			
Portsmouth, Me.	103	81	89	29.85	29.95	- .02	52.6	- 1.0	51.8	- 1.9	75	19	59	35	78	- 2.62	- 1.0	5.619	s.	30	12	6.6			
Northfield.	872	15	65	29.02	29.96	- .01	51.8	- 0.7	51.8	- 0.7	84	20	63	39	74	- 2.10	- 1.0	6.806	s.	31	13	7.3			
Boston.	125	115	191	29.84	29.98	- .00	51.4	- 0.7	51.4	- 1.1	71	20	57	40	74	- 4.33	+ 0.7	7.969	ne.	36	14	6.7			
Nantucket.	14	43	54	29.97	29.98	- .00	52.6	- 0.9	52.6	- 1.9	71	20	56	38	74	- 3.53	- 0.0	8.270	sw.	40	13	7.6			
Woods Hole.	23	51	57	.....	.....	.....	55.2	- 1.9	55.2	- 1.9	71	20	63	37	84	- 4.66	+ 1.3	8.286	s.	38	12	5.6		
Vineyard Haven.	20	50	52	.....	.....	.....	55.2	- 1.9	55.2	- 1.9	71	20	63	37	84	- 6.19	+ 2.7	17	sw.	.....	19	14		
Block Island.	27	39	48	29.05	29.98	- .03	51.4	- 1.0	51.4	- 1.0	73	20	56	38	74	- 6.54	+ 2.8	18	10.407	sw.	72	13			
Narragansett Pier.	10	.....	.....	.....	.....	.....	53.9	- 0.7	53.9	- 0.7	84	20	61	32	74	- 8.96	+ 4.9	16	8.45	s.	8	9		
New Haven.	107	118	140	29.85	29.97	- .03	55.6	- 1.8	55.6	- 1.8	84	20	63	35	84	- 9.03	+ 4.4	23	6.700	s.	8	9			
Mid. Atlan. States.																									
Albany.	97	84	113	29.86	29.97	- .01	58.2	- 1.1	79	- 1.1	66	40	32	24	82	- 4.91	+ 1.3	9	6.251	s.	29	11			
Binghamton.	875	79	90	29.63	29.96	- .04	56.4	- 0.4	78	- 1.9	65	35	10	46	74	- 2.62	- 1.0	5.619	s.	30	12	6.6			
New York.	314	288	326	29.63	29.96	- .04	56.6	- 2.9	86	- 20	63	33	10	48	74	- 4.02	+ 0.1	6.806	s.	31	13	6.7			
Harrisburg.	377	94	104	29.55	29.96	- .03	61.8	+ 1.6	86	- 20	70	41	53	32	55	78	- 2.10	- 1.0	6.969	ne.	36	14	7.6		
Philadelphia.	117	168	184	29.83	29.95	- .05	61.2	- 0.8	61.2	- 0.8	76	20	61	42	78	- 3.84	+ 1.6	7.813	se.	40	13	6.8			
Atlantic City.	52	68	76	29.90	29.96	- .05	55.5	- 1.7	55.5	- 1.7	76	21	60	42	78	- 5.17	+ 2.4	8.307	sw.	46	10	7.0			
Cape May.	24	52	70	29.94	29.96	- .05	56.2	- 2.4	56.2	- 2.4	76	21	60	42	78	- 3.92	+ 1.2	9.304	ne.	44	11	5.5			
Baltimore.	123	68	82	29.81	29.94	- .08	63.9	- 0.3	92	- 20	73	40	9	55	30	57	69	- 3.86	+ 0.1	4.225	se.	24	n.	12	
Washington.	112	59	76	29.83	29.95	- .08	64.4	+ 0.5	91	- 20	74	36	10	53	34	58	55	3.60	- 0.3	4.594	s.	25	n.	13	
Cape Henry.	5	34	.....	.....	.....	.....	66.6	+ 0.1	92	- 20	72	43	10	57	43	51	73	- 5.17	+ 1.1	14	.....	.....	10	9
Lynchburg.	685	83	88	29.23	29.98	- .05	67.4	+ 1.4	91	- 20	73	40	9	56	40	60	56	73	- 9.08	+ 5.2	5.144	ne.	34	n.	10
Norfolk.	57	88	93	29.90	29.96	- .06	66.2	- 0.2	66.2	- 0.2	77	20	75	43	74	- 5.12	+ 0.8	5.821	ne.	42	n.w.	15			
Richmond.	144	98	105	.....	.....	.....	67.2	.....	92	- 20	77	40	9	58	34	52	73	- 5.29	20	5.047	n.	26	n.	8
S. Atlantic States.							72.2	+ 1.9	92	- 20	77	40	9	57	35	61	79	- 5.17	+ 1.1	14	.....	.....	10	9
Charlotte.	773	68	76	29.14	29.94	- .08	71.9	+ 3.5	95	- 20	84	42	7	60	31	61	61	- 2.08	- 2.3	5.019	s.	37	sw.	6	
Hatteras.	11	17	36	29.96	29.97	- .06	66.0	- 0.4	85	- 20	81	48	10	59	37	61	64	- 1.79	- 2.8	5.074	s.	56	n.w.	30	
Kittyhawk.	9	12	30	.....	.....	.....	65.0	- 1.0	65.0	- 1.0	90	- 20	73	46	57	31	61	- 4.44	+ 0.7	9.893	.....	31	u.	14
Raleigh.	375	93	101	29.58	29.97	- .05	70.0	+ 2.8	94	- 20	81	41	9	59	37	61	57	- 7.46	+ 1.8	4.715	sw.	31	11	8	
Wilmington.	78	82	90	29.90	29.95	- .04	71.6	+ 1.9	96	- 20	80	44	8	62	33	65	61	- 2.51	- 1.6	6.846	sw.	38	w.	6	
Charleston.	48	14	92	29.97	30.02	- .01	74.9	+ 2.4	98	- 20	82	50	8	68	32	66	62	- 0.64	- 3.4	7.912	s.	34	n.	20	
Columbia.	5	.....	.....	.....	.....	.....	74.9	+ 2.9	101	- 20	82	44	8	62	34	64	60	- 1.15	- 2.7	14	.....	.....	13	4
Augusta.	180	89	103	29.78	29.96	- .04	74.8	+ 2.8	99	- 20	87	44	8	62	33	64	57	- 0.52	- 2.9	4.612	s.	41	w.	6	
Savannah.	82	63	89	29.91	29.99	- .05	76.0	+ 3.1	101	- 20	86	48	8	66	32	66	61	- 1.01	- 1.9	6.221	s.	30	w.	8	
Jacksonville.	43	69	84	29.96	30.01	- .01	76.5	+ 1.6	97	- 20	87	52	8	66	27	68	66	- 1.81	- 2.2	5.895	sw.	37	ne.	9	
Florida Peninsula.							76.9	+ 0.2	91	- 20	86	53	8	67	27	68	66	- 0.62	- 2.6	10	19	11	0		
Jupiter.	28	13	30	30.00	30.02	- .00	75.8	+ 0.1	91	- 20	85	53	8	69	25	69	67	- 1.59	- 2.4	7.138	e.	27	s.	6	
Key West.	22	43	50	30.02	30.04	+ .03	78.2	- 1.2	96	- 20	86	59	8	74	25	71	68	- 3.26	+ 0.1	6.747	e.	28	n.w.	7	
Tampa.	36	60	67	29.98	30.02	- .00	76.6	+ 0.6	92	- 20	86	53	8	74	25	70	68	- 0.37	- 2.5	5.259	w.	26	w.	8	
East Gulf States.							74.7	+ 1.8	94	- 20	84	38	7	62	29	61	55	- 1.35	- 2.6	6.589	n.w.	34	n.w.	6	
Atlanta.	1,131	92	126	28.81	29.98	- .07	72.8	+ 4.0	94	- 20	84	38	7	63	29	62	55	- 1.35	- 2.6	6.589	n.w.	34	n.w.	13	
Pensacola.	56	75	90	29.96	30.02	- .00	74.8	+ 1.3	93	- 20	83	44	7	68	32	68	64	- 0.04	- 3.3	6.861	sw.	29	n.w.	12	
Mobile.	57	88	96	29.96	30.02	+ .01	74.8	+ 1.3	92	- 20	83	46	7	66	32	67	60	- 0.81	- 3.5	6.855	s.	36	s.	13	
Montgomery.	221	100	112	29.75	29.98	- .04	76.1	+ 3.3	96	- 20	83	43	7	64	33	68	58	- 0.50	- 3.6	5.042	sw.	30	n.w.	6	
Vicksburg.	247	65	73	29.72	29.98	- .02	74.4	+ 1.8	91	- 20	84	50	7	65	33	68	65	- 1.33	- 3.6	6.116	s.	33	n.	22	
New Orleans.	54	112	120	29.96	30.02	+ .03	75.4	+ 0.8	93	- 20	84	53	7	67	33	67	63	- 0.02	- 4.9	5.479	se.	.....	.....	10
Port Eads.	27	.....	.....	.....	.....	.....	74.7	+ 0.1	93	- 20	80	57	7	70	15	60	62	- 0.62	- 2.6	10	19	13	0	
West Gulf States.							74.4	+ 1.3	94	- 20	84	38	7	64	27	62	55	- 1.34	- 2.6	6.589	n.w.	34	n.w.	13	
Shreveport.	249	77	84	29.68	29.95	- .03	74.8	+ 1.7	94	- 20	85	47	7	64	27	62	55	- 1.24	- 3.0	5.877	se.	30	se.	19	
Fort Smith.	481	63	72	29.40	29.90	- .04	72.0	+ 3.5	91	- 20	85	48	7	62	27	65	61	- 7.48	+ 2.8	4.645	e.	44	n.	18	
Little Rock.	302	71	79	29.64	29.96	- .02	73.0	+ 3.7	96	- 20	83	48	7	63	29	63	61	- 7.52	+ 1.8	5.503	w.	36	w.	13	
Corpus Christi.	20	43	50	29.90	29.92	- .05	75.6	+ 0.9	85	- 20	80	58	7	72	16	70	64	- 1.83	- 2.4	3.393	se.	37	se.	19	
Galveston.	42	85	96	29.92	29.96	- .02	74.9	+ 0.9	84	- 20	79	56	7	71	17	68	61	- 1.58	- 2.2</						

TABLE I.—Climatological data for Weather Bureau Stations, May, 1898—Continued.

Stations.	Elevation of instruments		Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.										Precipitation, in inches.		Wind.			Maximum velocity.										
	Barometer above sea level, feet.	Thermometers above ground.	Mean actual, 8 a.m. and 8 p.m. + 2.	Mean reduced.	Departure from normal.	Mean max. and min. + 2.	Departure from normal.	Mean maximum.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew point.	Mean relative humidity, per cent.	Total.	Departure from normal.	Days with 0.1 or more.	Total movement, miles.	Prevailing direction.	Miles per hour.	Direction.	Date.									
						Mean.	Maximum.	Date.	Mean.		Mean.	Mean.	Mean.	Total.	Days with 0.1 or more.			Clear days.	Party cloudy days.	Cloudy days.	Average cloudiness, tenths.									
Up. Miss. Val.—Con.																						Total snowfall.								
Dubuque	608	101	109	29.17	29.92	-.04	59.8	-0.1	83	24	69	37	6	50	31	53	4.47	+0.5	14	5,436	ne.	28	se.	21	11	11	9	5.0		
Keokuk	614	84	78	29.28	29.92	-.03	64.0	+1.4	87	24	72	42	6	56	27	64	6.70	+2.6	14	5,555	ne.	48	w.	18	7	14	10	5.9		
Cairo	359	87	93	29.55	29.94	-.03	69.3	+2.3	88	24	78	42	6	56	26	64	5.36	+1.5	13	6,208	s.	33	s.w.	21	10	11	10	5.3		
Springfield, Ill.	614	92	92	29.25	29.93	-.06	62.6	+0.2	86	24	72	40	4	54	27	57	5.12	+0.1	19	6,820	s.	30	n.w.	21	6	14	11	5.9		
Hannibal	534	75	107	29.25	29.94	-.02	63.9	+0.3	89	24	73	42	4	44	35	58	6.90	+2.1	18	6,825	sw.	37	s.	21	10	13	8	4.9		
St. Louis	567	111	210	29.34	29.94	-.02	67.1	+1.3	90	24	76	41	6	58	27	60	8.55	+4.0	16	7,053	s.	62	s.w.	1	10	10	11	5.6		
<i>Missouri Valley.</i>																														
Columbia	4	84					64.7	+0.6	89	24	75	39	6	54	36	58	8.39	+2.5	19	6,116	e.	44	se.	20	8	12	11	5.9		
Kansas City	963	78	95	28.92	29.98	-.01	64.6	+0.4	89	31	73	40	6	56	32	58	54	75	7.69	+3.1	16	5,725	se.	45	s.w.	19	5	19	12	6.1
Springfield, Mo.	1,324	100	103	28.54	29.92	-.04	66.1	+2.9	85	25	75	39	6	57	25	59	55	72	8.06	+2.0	13	7,500	se.	30	n.w.	1	5	16	10	4.5
Topeka	81						63.4	0.0	89	11	73	39	6	54	35	57	6.10	+0.7	18		e.	42	se.	20	5	13	13	6.3		
Lincoln	1,199	74	84	28.63	29.90		60.4	-0.7	85	24	70	37	6	51	31	53	54	70	4.33	+0.1	12	8,121	ne.	42	se.	20	4	13	13	6.3
Omaha	1,103	97	97	28.75	29.91	-.02	61.2	+0.5	87	25	70	39	6	52	27	54	49	70	4.33	0.0	13	5,705	n.	38	se.	20	7	11	13	6.3
Sioux City	1,139	96	164				59.5	+1.1	86	25	68	35	6	51	35	57	6.49	+1.3	13	8,826	n.w.	53	sw.	17	6	17	6	6.9		
Pierre	1,460	50	62	28.40	29.94	+.05	56.4	+0.8	89	23	67	33	6	46	36	50	44	66	3.55	+1.2	14	7,176	e.	48	se.	17	10	5	16	6.4
Huron	1,306	56	67	28.54	29.94	+.01	55.3	+0.2	85	23	66	34	12	44	38	49	43	69	2.90	+0.1	11	8,586	n.	54	se.	17	11	13	6.4	
Yankton	1,234	53	58				58.2	-0.3	86	23	68	36	6	49	35	57	5.20	+0.9	15	6,342	e.	38	s.	25	5	9	17	7.0		
<i>Northern Slope.</i>							61.6	-1.7																		6.5				
Havre	2,494	46	47	27.30	29.90	-.01	62.0	-1.3	76	10	63	29	2	41	37	44	36	60	1.06	-0.5	8	8,831	e.	53	e.	28	10	15	6	5.0
Miles City	2,372	41	49	27.42	29.90	-.01	55.5	-0.9	87	23	66	30	4	45	38	48	40	47	2.61	+0.4	10	6,340	e.	39	w.	24	4	14	13	6.4
Helena	4,108	88	93	25.79	29.99	+.06	49.4	-2.4	77	10	58	30	4	41	32	42	33	60	4.88	+3.3	17	5,592	sw.	36	s.w.	30	5	11	15	6.5
Rapid City	3,251	46	50	26.57	29.92	-.01	53.1	+0.3	88	23	62	32	3	44	36	46	39	65	3.26	-0.4	17	6,958	se.	36	w.	24	4	8	19	7.6
Cheyenne	6,105	58	60	23.95	29.95	+.03	47.4	-1.3	79	23	57	24	1	38	38	40	39	64	3.72	+1.5	20	8,381	n.w.	51	s.	23	8	15	6.3	
Lander	5,372	28	36	24.58	29.96	+.04	48.2	-2.0	76	23	53	24	6	38	38	42	42	64	6.02	+3.3	14	3,470	n.w.	30	w.	28	3	11	17	7.4
North Platte	2,826	43	52	27.03	29.95	+.08	55.7	-1.2	84	23	65	30	6	46	35	50	46	76	4.12	+1.4	20	7,511	n.w.	49	w.	17	8	7	16	6.6
<i>Middle Slope.</i>							61.1	-0.9																		5.4				
Denver	5,290	79	151	24.67	29.96	+.04	53.0	-3.4	80	30	64	27	6	42	36	44	35	60	4.88	+2.0	16	5,586	ne.	98	s.	23	5	13	13	6.5
Pueblo	4,713	74	81	25.20	29.90	+.02	56.4	-2.3	86	30	68	32	4	44	42	46	37	60	3.59	+1.8	13	6,129	se.	42	se.	24	8	15	8	5.5
Concordia	1,308	42	47	29.42	29.89	-.06	62.2	+0.1	93	11	72	36	6	52	37	55	50	70	2.67	-1.6	13	5,506	se.	34	w.	26	7	14	10	6.2
Dodge City	2,504	44	52	27.30	29.88	-.01	61.8	+1.1	90	11	73	35	6	50	42	55	49	72	10.31	+1.7	17	9,020	ne.	48	n.w.	20	11	11	9	5.0
Wichita	1,351	78	85	25.48	29.89	-.01	65.0	+0.8	88	31	75	40	6	56	32	55	54	72	8.32	+4.3	14	6,772	s.	36	s.	18	8	11	12	5.5
Oklahoma	1,218	54	62	28.62	29.89	-.01	68.2	+0.3	87	23	77	41	6	59	26	51	58	73	9.96	+4.7	8	8,944	s.	40	se.	1	18	8	3	3.4
<i>Southern Slope.</i>							68.4	+0.2																		4.0				
Abilene	1,749	45	54	28.09	29.88	-.04	73.2	+1.0	101	23	84	43	6	63	31	62	55	62	6.62	+3.0								2.5		
Amarillo	3,691	54	61	26.16	29.87	-.04	63.6	-0.6	93	23	77	32	6	51	38	52	40	55	3.52	+1.5	14	13,635	s.	64	w.	8	15	10	6	4.2
<i>Southern Plateau.</i>							68.2	-1.6																		2.5				
El Paso	8,767	10	110	26.09	29.83	-.02	70.9	-1.4	96	23	85	48	11	57	41	49	32	21	2.01	-0.5	1	9,666	n.w.	46	sw.	30	21	9	7	2.3
Santa Fe	6,998	47	50	23.21	29.88	-.03	54.6	-1.1	79	23	66	31	5	43	32	41	30	33	2.22	-0.8	4	6,179	sw.	38	sw.	23	15	9	7	4.3
Phoenix	1,076	47	57	28.66	29.77		73.4	-0.9	99	11	88	48	3	59	39	33	32	27	0.01	-0.2	1	3,342	w.	18	sw.	27	24	8	1	1.6
Yuma	139	16	50	29.64	29.78	-.06	74.0	-3.2	103	11	90	51	17	58	40	56	39	35	0.00	0.0	0	5,429	w.	32	n.w.	33	27	2	1	3.1
Independence							62.1	-0.1	84	10	74	41	5	50	30	46	23	24	0.23	-0.1	4	7,963	w.	38	w.	22	12	12	1	6.3
<i>Middle Plateau.</i>							62.6	-3.3																		5.3				
Carson City	4,720	82	92	25.16	29.90		51.8	-3.7	78	9	64	31	23	39	42	41	27	45	0.39	+0.2	4	6,445	sw.	43	sw.	21	10	13	8	4.9
Winnemucca	4,340	59	70	25.54	29.90	-.03	52.2	-2.2	79	*	65	30	20	39	40	45	39	68	1.59	+0.6	10	7,167	sw.	36	sw.	21	6	11	14	6.4
Salt Lake City	4,344	83	90	25.54	29.93	-.00	59.9	-3.9	80	11	64	32	4	44	35	45	36	56	4.19	+2.5	14	4,539	se.	37	sw.	12	4	7</td		

TABLE II.—*Meteorological record of voluntary and other cooperating observers, May, 1898.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Alabama.</i>																		
Alico †.	96	42	74.2	0.59	Ins.	Ins.	Tuba	88	32	59.6	0.75	Ins.	California—Cont'd.	○	○	○	Ins.	Ins.
Asville †.	98	38	73.0	0.48			Tucson c†	45	45	.....	0.00		Fordyce Dam.	.....	.....	.....	3.88	10.0
Bermuda †.	98	42	75.1	0.33			White Hills.	96	42	68.6	0.95		Fort Bragg †.	.....	.....	.....	4.08	
Birmingham †.	99	40	74.0	0.11			Wilcox *1	90	38	67.3	0.00		Fort Ross.	68	40	52.1	7.61	
Bridgeport.	.....	.....	.....	1.13									Georgetown.	81	36	54.9	2.78	
Citronellet.	95	46	76.4	0.00									Goshen *1.	96	45	69.4	0.55	
Clanton †.	95	42	72.9	0.10									Grand Island *1	94	45	65.7	1.20	
Daphne.	93	48	73.8	0.15									Grass Valley.	86	26	51.0	2.76	
Decatur †.	96	37	73.2	1.29									Hollister *1.	75	38	55.4	4.07	
Demopolis.	.....	.....	.....	0.10									Humboldt L. H.	98	38	60.1	0.90	
Elba.	95	41	74.1	2.07									Indio *1.	102	56	75.8	0.00	
Eufaula a†.	101	42	75.7	0.49									Jackson.	81	40	56.2	2.88	
Evergreen.	92	45	72.8	0.25									Jolon.	84	88	56.7	1.64	
Florence a†.	.....	.....	.....	2.07									Keene *1.	88	43	58.2	1.13	
Florence b†.	90	43	72.1	2.22									Kennedy Gold Mine.	88	37	58.4	2.34	
Fort Deposit.	97	43	75.0	0.60									King City *1.	74	38	50.2	0.24	
Gadsden.	97	37	72.5	0.04									Kingsburg *1.	95	50	71.6	0.55	
Goodwater.	100	52	76.8	0.16									Kono Tayee.	82	45	60.5	1.67	
Greensboro †.	95	42	75.0	1.88									Lagrange *1.	100	48	66.7	1.41	
Hamilton.	.....	.....	.....	1.24									Laporte *1.	71	33	46.5	4.64	8.5
Healing Springs.	97	41	72.3	1.02									Las Fuentes Ranch.	.....	.....	.....	1.22	
Highland Home †.	93	41	75.2	1.77									Lemoore a*1.	95	50	67.5	0.00	
Jasper.	95	35	69.3	0.27									Lick Observatory.	78	33	47.9	2.41	
Livingston.	99	47	77.2	0.07									Lime Point L. H.	.....	.....	.....	1.86	
Lock No. 4.	95	39	72.0	1.49									Lodi.	89	48	61.8	1.38	
Madison Station †.	92	36	70.4	1.39									Los Gatos b.	77	41	54.6	1.25	
Marion †.	97	40	75.0	0.50									Lytton Springs.	88	45	59.6	.....
Mount Willing †.	96	41	75.8	0.97									Malakoff Mine.	83	35	54.9	4.47	
Newbern †.	97	41	76.2	0.22									Mammoth Tank *1.	108	60	80.6	0.00	
Newburg.	95	40	71.4	1.65									Manzana.	87	30	55.4	0.25	
Newton †.	95	41	73.4	0.26									Mare Island L. H.	.....	.....	.....	1.35	
Oneonta.	92	38	70.6	0.20									Merced *1.	95	50	61.0	0.98	
Opelika †.	98	39	75.2	0.11									Mills College.	.....	.....	.....	1.45	
Oxanna †.	93	37	69.4	1.12									Milo.	.....	.....	.....	2.05	
Pineapple.	96	38	74.4	0.43									Milton (near) *1.	92	49	62.8	1.41	
Pushmataha †.	97	44	76.4	0.40									Modesto *1.	95	50	65.6	0.57	
Riverton †.	93	40	71.2	0.05									Mokelumne Hill *3.	47	57	0.2	2.18	
Scottsboro †.	92	37	69.8	0.32									Monterey *1.	64	49	54.5	0.94	
Selma †.	98	43	75.8	0.38									Mountain View.	.....	.....	.....	0.27	
Sturdevant.	.....	.....	.....	0.79									Mount Tamalpais.	73	22	50.5	4.84	
Talladega.	97	41	73.4	0.30									Napa b.	79	39	59.9	1.64	
Tallassee.	.....	.....	.....	0.25									Needles.	101	56	77.6	0.11	
Thomasville.	98	43	77.2	0.35									Nevada City.	80	34	52.9	2.73	
Tuscaloosa †.	99	40	75.8	0.19									Newhall *1.	96	44	60.8	0.98	
Tuscumbia.	92	44	72.8	2.44									North Ontario.	86	40	57.4	2.75	
Union †.	98	.....	.....	0.18									North San Juan *1.	84	42	57.5	4.16	
Union Springs †.	99	41	76.2	1.18									Oakland a.	75	45	56.6	1.50	
Uniontown †.	96	42	77.0	1.10									Ogilby *1.	105	65	82.5	0.00	
Valleyhead.	94	38	70.4	1.55									Oleta *1.	84	45	56.0	1.96	
Warrior.	.....	.....	.....	0.60									Orland *1.	98	52	70.4	1.65	
Wetumpka.	98	41	75.2	0.62									Palermo.	94	42	65.0	1.75	
Wilsonville †.	.....	.....	.....	0.00									Paso Robles b.	96	36	59.2	0.68	
<i>Arizona.</i>	.....	.....	.....	.....									Peachland *3.	77	45	57.4	3.87	
Arizona Canal Co. Dam.	102	48	74.2	T.									Piedras Blancas L. H.	.....	.....	.....	1.33	
Benson *1.	94	64	75.5	T.									Pigeon Point L. H.	.....	.....	.....	0.55	
Bisbee †.	98	42	65.5	0.00									Pilot Creek.	.....	.....	.....	2.99	
Buckeye †.	100	44	71.6	0.00									Pine Crest.	81	44	58.2	1.09	
Camp Creek.	91	45	67.4	0.51									Placerville.	88	36	55.5	2.70	
Casa Grande *1.	89	62	76.0	0.00									Point Ano Nuevo L. H.	.....	.....	.....	0.54	
Champlie Camp.	101	49	73.6	0.05									Point Arena L. H.	.....	.....	.....	3.58	
Congress.	92	46	69.6	0.07									Point Bonita L. H.	.....	.....	.....	2.09	
Dragoon Summit *6.	90	50	68.8	0.00									Point Conception L. H.	.....	.....	.....	1.05	
Dudleyville.	97	42	67.7	0.05									Point Hueneme L. H.	.....	.....	.....	1.22	
Flagstaff †.	88	25	51.3	4.90	9.0								Lobos.	.....	.....	.....	1.17	
Fort Apache.	87	34	59.0	2.70	T.								Point Loma L. H.	.....	.....	.....	0.23	
Fort Defence.	79	26	52.2	0.28	T.								Point Montara L. H.	.....	.....	.....	1.98	
Fort Grant †.	90	40	65.3	0.00									Point Pinos L. H.	.....	.....	.....	1.35	
Fort Huachuca †.	90	32	65.2	0.12									Point Reyes L. H.	.....	.....	.....	2.82	
Fort Mohave.	106	52	77.2	0.00									Pomona (near).	92	42	61.7	1.09	
Gila Bend a*1.	106	60	77.9	0.00									Potrero.	84	52	56.9	1.55	
Jerome.	94	28	59.4	0.26	T.								Quincy †.	79	30	53.6	3.97	
Jerome.	88	40	63.6	1.10	T.								Redding b†.	88	43	63.8	3.64	
Maricopa *1.	96	62	80.4	0.00									Repreza.	86	46	61.9	1.63	
Mesa †.	97	47	72.4	T.									Rio Vista.	87	38	58.1	1.55	
Mount Huachuca.	89	37	64.6	0.00									Rock Island L. H.	.....	.....	.....	0.95	
Music Mountain.	96	40	67.4	0.82									Rosewood.	94	38	61.6	2.79	
Natural Bridge.	.....	.....	.....	0.98									Sacramento a.	88	45	62.5	1.59	
Oracle.	98	39	64.7	0.40									Salinas *1.	70	45	55.7	1.08	
Oro.	.....	.....	.....	0.06									Salton *1.	109	60	73.3	0.00	
Oro Blanco.	94	39	65.4	0.02									San Bernardino †.	94	41	61.8	1.08	
Pantano *1.	90	55	71.5	0.00									San Leandro *1.	72	52	57.6	1.44	
Parker.	109	45	75.8	0.15									San Luis L. H.	.....	.....	.....	1.18	
Peoria †.	98	50	74.0	T.									San Mateo *1.	73	53	61.5	0.94	
Phoenix.	97	43	71.6	0.00									San Miguel *1.	90	45	61.2	0.51	
Pinal Ranch.	.....	.....	.....	0.14			</td											

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>California—Cont'd.</i>	o	o	o	Ins.	Ins.	<i>Colorado—Cont'd.</i>	o	o	o	Ins.	Ins.	<i>Georgia—Cont'd.</i>	o	o	o	Ins.	Ins.	
Saticoy . . . . .	.....	.....	.....	0.97	6.22	Wagon Wheel	65	19	39.5	1.50	15.0	Crescent	102	45	73.4	0.78	0.78
Shasta . . . . .	.....	.....	.....	44.3	2.42	Walden	75	15	43.2	2.08	5.5	Dahlonga †	91	36	68.0	1.00	1.00
Sierra Madre	83	43	59.3	44.2	0.54	Wallet . . . . .	.....	.....	.....	7.65	.....	Diamond	93	35	68.6	1.22	1.22
Sneddens Ranch*†	78	16	44.2	57.8	1.68	Wray †	88	28	56.3	5.47	5.0	Eastman	98	45	74.8	0.67	0.67	
Sonoma*‡	78	42	57.8	1.45	Yuma . . . . .	.....	.....	.....	5.80	6.0	Elberton †	98	40	74.4	3.66	3.66	
S. E. Farallone L. H.	41	56.8	0.48	Connecticut	Fitzgerald	100	46	76.8	1.08	1.08
Stanford University	79	41	56.8	40	60.5	1.11	Canton	82	34	55.0	6.74	0.2	Fleming †	102	1.10	1.10
Stockton a	85	40	56.8	29	46.7	7.0	Colchester	82	33	55.8	6.16	Fort Gaines	96	46	76.0	0.80	0.80
Summerdale†	74	29	46.7	3.18	.....	Falls Village . . . . .	.....	.....	.....	6.35	.....	Franklin	94	43	72.7	0.0	0.0
Susanville†	78	32	52.5	35	0.54	Greenfield Hill . . . . .	.....	.....	.....	9.44	T.	Gainesville	91	39	69.3	1.03	1.03
Sutter Creek*‡	82	35	54.0	35	1.85	Hartford a	82	34	55.8	5.02	.....	Gillsburg	96	39	72.4	1.08	1.08
Tehama*‡	92	54	67.4	54	0.98	Hartford b . . . . .	.....	.....	.....	5.66	.....	Greenbush	93	37	69.2	0.59	0.59
Templeton*‡	85	44	68.1	44	0.77	Hawleyville	82	36	56.0	6.92	T.	Griffin	101	39	74.9	1.10	1.10	
Trinidad L. H. . . . .	.....	.....	.....	2.56	.....	Lake Konomoc . . . . .	.....	.....	.....	9.14	.....	Hephzibah . . . . .	.....	.....	.....	0.70	0.70
Truckee*‡	78	30	46.2	30	0.30	Middletown	85	33	57.1	8.01	.....	Jesup	102	47	76.0	1.88	1.88
Tulare b . . . . .	.....	.....	.....	0.56	.....	New London†	79	34	53.0	8.13	.....	Lagrange†	97	40	74.6	0.22	0.22
Tulare c	104	42	67.0	45	0.59	North Franklin . . . . .	.....	.....	.....	6.23	.....	Leverett	102	39	74.6	0.57	0.57
Turlock*‡	93	45	67.4	46	0.94	North Grosvenor Dale	81	29	53.1	3.02	.....	Louisville	99	44	75.6	0.43	0.43
Ukiah	83	37	56.2	37	1.68	Norwalk	86	32	55.8	8.53	.....	Lumpkin	96	42	76.9	1.47	1.47
Upperlake	88	35	57.5	35	1.90	Pomfret	80	40	56.4	3.74	.....	Macou	99	43	75.4	0.45	0.45
Upper Mattole . . . . .	.....	.....	.....	6.93	.....	Southington	81	32	55.8	5.56	T.	Marietta	92	38	68.7	0.63	0.63
Vacaville a*‡	90	51	62.0	51	1.94	South Manchester . . . . .	.....	.....	.....	5.53	.....	Marshallville†	96	46	76.0	1.19	1.19
Ventura†	80	36	54.3	40	1.40	Storrs	81	33	54.0	3.81	.....	Mauzy	99	46	76.0	0.98	0.98
Visalia	96	40	63.9	40	0.73	Voluntown†	84	29	55.6	6.45	.....	Millen	102	45	76.2	0.85	0.85
Volcano Springs*‡	109	69	88.4	69	0.00	Waterbury	83	32	55.7	6.86	.....	Morgan†	98	41	73.6	2.58	2.58
Walnut Creek	86	46	61.8	46	1.12	West Cornwall†	78	36	54.5	6.70	.....	Newman	98	39	75.0	0.88	0.88
West Palmdale*‡	92	41	60.5	41	0.21	West Simsbury . . . . .	.....	.....	.....	6.18	.....	Piscata J.	97	51	76.4	0.25	0.25
Westpoint . . . . .	.....	.....	.....	2.18	.....	Winsted*‡	78	42	54.4	.....	.....	Pont Peter	100	40	72.8	0.17	0.17
Williams*‡	91	52	64.9	52	0.90	Delaware . . . . .	.....	.....	.....	.....	.....	Poulant†	100	43	75.0	0.29	0.29
Wilmington*‡	79	52	62.6	52	0.95	Dover	90	39	61.6	5.37	.....	Quitman†	99	49	76.4	1.18	1.18
Wire Bridge*‡	88	47	62.6	47	2.00	Milford	96	42	62.4	4.45	.....	Ramsey	94	35	70.8	0.16	0.16
Yerba Buena L. H. . . . .	.....	.....	.....	2.24	.....	Millsboro	92	41	61.6	3.83	.....	Rome†	95	40	71.2	0.98	0.98
Yreka†	87	29	55.3	29	2.08	Seaford	90	40	62.4	4.63	.....	Talbotton†	96	41	74.3	1.45	1.45
<i>Colorado.</i>	.....	.....	.....	.....	Florida . . . . .	.....	.....	.....	.....	.....	Tallapoosa	94	44	71.8	0.45	0.45	
Altman	69	12	40.0	12	.....	District of Columbia . . . . .	.....	.....	.....	.....	.....	Thomasville†	97	48	77.0	2.18	2.18
Antlers†	82	30	54.9	30	1.77	Distributing Reservoir*‡	87	44	65.8	3.35	.....	Toccoat	95	40	71.3	1.18	1.18
Arkins . . . . .	.....	.....	.....	3.43	.....	Receiving Reservoir*‡	92	41	65.5	3.38	.....	Union Point	97	35	71.0	0.29	0.29
Boulder	82	28	61.9	28	13.0	West Washington	92	34	64.8	3.87	.....	Washington†	99	42	74.8	0.89	0.89
Boxelder . . . . .	.....	.....	.....	5.62	.....	Florida . . . . .	.....	.....	.....	.....	.....	Waycross	98	50	75.9	1.00	1.00
Breckenridge†	70	13	38.2	13	1.8	Archert	97	53	77.2	1.66	.....	Waynesboro	98	40	73.8	2.71	2.71
Canyon†	87	32	55.6	28	1.00	Bartow	98	46	78.1	2.58	.....	West Point	96	41	74.8	0.30	0.30
Castle Rock	86	23	54.4	24	13.5	Boca Raton†	90	50	75.4	2.46	.....	Idaho . . . . .	.....	.....	.....	.....	.....
Cedaredge	82	24	52.6	24	2.79	Brooksville†	96	55	77.8	0.68	.....	Albany Falls	79	31	51.8	3.52	3.52
Cheyenne Wells	89	30	55.4	30	4.0	Carrabelle†	91	46	74.9	1.10	.....	American Falls	82	31	52.2	.....	.....
Colbran . . . . .	.....	.....	.....	2.21	.....	Clermont†	99	52	78.8	1.29	.....	Blackfoot†	82	24	53.8	2.88	2.88
Colorado Springs†	78	28	50.5	28	14.4	De Funki Springs	97	43	74.3	0.31	.....	Boise Barracks	92	39	56.7	.....	.....
Crook	87	32	54.8	32	4.88	Earnestville	99	53	79.1	1.75	.....	Burnside†	74	24	47.5	2.92	2.92
Delta	89	30	58.2	30	0.83	Esterio*‡	89	59	75.8	1.92	.....	Challis	83	27	56.3	0.72	0.72
Dumont† . . . . .	.....	.....	.....	3.20	.....	Federal Point†	94	52	74.6	1.17	.....	Coeur d' Alene	84	34	57.6	.....	.....
Durango	76	29	61.9	29	1.33	Fort Meade . . . . .	.....	.....	.....	5.66	.....	Corral*‡	78	32	49.8	2.33	T.
Fleming . . . . .	.....	.....	.....	4.47	.....	Gainesville	98	52	76.8	2.06	.....	Downey	78	28	49.0	3.64	T.
Fort Collins†	82	30	51.6	28	13.0	Grasmere†	98	47	77.5	1.89	.....	Fort Sherman†	84	31	53.6	2.65	2.65
Fort Morgan	90	29	55.4	29	14.0	Haywood	97	48	78.4	2.58	.....	Gimlet†	77	21	49.7	5.26	4.0
Garnett	77	18	46.8	18	4.5	Homeland	92	53	78.2	.....	Gray	75	21	45.2	.....	.....
Georgetown	69	18	43.9	18	17.0	Huntington	97	53	76.4	6.16	.....	Kootenai†	90	31	58.4	2.97	2.97
Glenorye†	75	26	50.0	26	4.04	Kissimmee	98	55	77.6	0.35	.....	Lake	70	20	41.8	1.07	7.0
Grand Junction†	86	37	59.9	37	4.40	Lake Butler	98	56	76.8	1.55	.....	Lakeview	78	35	52.6	3.25	3.25
Greeley	88	31	53.9	31	5.88	Lake City	99	48	76.9	1.47	.....	Lewiston	86	36	58.8	2.06	2.06
Guilch	96	22	50.5	22	8.0	Lakemont	102	53	79.4	0.69	.....	Lost River	78d	24	49.8	2.06	2.06
Hamps	84	25	51.4	25	8.5	Lemon City	91	52	76.0	1.65	.....	Marysville	74	21	48.6	0.29	0.29
Hoebne	90	29	56.4	29	4.61	Maccleeny†	99	50	75.6	1.86	.....	Minidoka . . . . .	.....	.....	.....	1.10	1.10
Holly . . . . .	.....	.....	.....	4.75	3.0	Manatee	98	56	76.7	0.73	.....	Moscow	78	28	50.4	2.09	2.09
Holyoke	85	30	55.7	30	4.0	Merritts Island	98	56	76.7	0.73	.....	Murphy†	78	27	50.2	3.82	3.82
Husted†	79	26	50.4	26	22.0	Myers†	92	50	75.6	3.53	.....	Nampa	87	26	56.6	1.10	1.10
Lake Moraine†	64	8	39.0</															

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Illinois—Cont'd.</i>						<i>Indiana—Cont'd.</i>						<i>Iowa—Cont'd.</i>					
Decatur†	°	°	°	Ins.	Ins.	Marion†	°	°	°	Ins.	Ins.	Lamoni	°	°	°	Ins.	Ins.
Dixon†	84	37	59.5	4.00		Markle	83	38	61.2	6.40		Lansing	90	35	61.3	5.15	
Dwight†	86	35	60.1	6.12		Mauzy†	86	37	62.4	3.25		Larchwood	89	36	61.3	2.38	
East Peoria†	87	34	61.7	7.39		Michigan City* ¹⁰	78	33	55.5	.....		Larrabee†	89	31	56.4	3.54	
Effingham†	87	40	64.5	3.94		Mount Vernon†	92	39	68.3	4.64		Leclaire	87	31	58.0	3.78	
Elgin	79	35	58.1	4.24		Northfield†	82	38	61.4	4.76		Lemars	84	36	60.2	4.97	
Equality	93	40	69.2	6.07		Paoli	89	33	66.2	4.66		Lenox	90	35	60.2	4.91	
Friendsgrove†						Princeton*	89	40	65.1	4.60		Logan†	90	35	60.2	4.97	
Galva†	83	37	60.0	8.74		Richmond	85	37	62.1	3.12		Maple Valley	84	34	59.3	4.97	
Glenwood* ¹	78 ^b	40 ^b	59.3	3.66		Rockport	87	37	68.8	4.65		Maquoketa	84	34	59.3	3.64	
Golconda†	90	38	68.2	5.17		Rockville†	84	41	62.6	3.54		Marshall†	88	35	59.5	4.26	
Grafton†						Salem						Mason City	84	32	57.8	5.30	
Greenville†	90	39	65.8	6.51		Scottsburg	88	34	66.7	4.90		Millman	85	30	59.8	5.54	
Griggsville†	89	40	63.4	8.30		Seymour	84	40	63.8	3.87		Monticello	88	38	61.4	3.46	
Halliday* ²	87	40	71.1	9.44		Shelbyville	81	33	59.8	2.97		Moar	89	37	62.0	6.87	
Havana†	84	43	63.4	7.68		South Bend†	81	33	59.8	2.97		Moutay†	84	42	62.7	5.50	
Henry						Syracuse†	83	43	64.9	2.23		Mount Pleasant* ¹	87	37	60.9	4.43	
Hillsborof.	87	40	64.2	7.45		Terre Haute†	79	34	59.4	3.31		Mount Vernon a* ¹	85	35	59.4	4.50	
Joliet†	80	36	59.2	3.82		Topeka†	82	34	59.1	3.60		Mount Vernon b	82	35	60.1	3.41	
Kankakee a						Valparaiso†	89	35	67.6	4.60		New Hampton	89	36	60.7	4.04	
Knoxville a	84	39	60.2	7.98		Vevay						Newton†	89	36	60.7	4.04	
Lagrange†	81	36	57.4	3.50		Vincennes	90	38	63.8	4.21		North McGregor					
LaHarpe	89	39	63.0	8.56		Warsaw	79	36	57.9	4.95		Northwood	83	34	57.2	3.95	
Lanark†	83	30	58.8	3.87		Washington†	88	40	66.2	4.48		Odebolt	92	32	59.7	4.79	
Loami†						Winamac	88	37	62.4	5.19		Ogden	87	33	59.2	4.73	
McLeansborof.	85	40	67.7	6.05		Worthington†	88	41	65.2	2.58		Olin	83	32	58.9	4.70	
Martinsville	85	41	64.0	2.79								Osage* ³	83	42	57.0	3.67	
Martinton†	82	38	60.1	5.66								Oscceola	85	35	60.0	5.30	
Mascoutah	83	40	65.4	6.84								Oskaloosa†	88	35	60.1	3.10	
Mattoon	85	40	64.2	4.96								Ottumwa	88	36	61.0	7.80	
Minonk†	83	34	59.4	6.84								Ovid†	86	32	60.5	4.23	
Mounmouth†	88	38	60.8	6.60								Pella	84	34	60.0	4.00	
Morrisonville†	85	38	61.8	9.14								Plover	90	35	59.2	4.85	
Mount Carmel†												Primghar	88	35	59.0	4.49	
Mount Pulaski	89	38	63.3	5.04								Red Oak	90	33	61.1	3.79	
Mount Vernon												Ridgway	84	33	59.4	3.30	
New Burnside†	90	38	67.8	7.28								Rock Rapids	86	26	55.0	6.05	
Ottawa†	84	35	60.9	6.72								Rockwell City	89	32	58.9	5.29	
Palestine†	89	42	63.9	3.15								Ruthven	86	30	57.2	4.70	
Pana	87	39	63.7	6.49								Sac City†	85	36	58.6	4.68	
Paris	85	41	62.9	3.05								Sibley	88	33	56.5	5.42	
Peoria a†												Sidney	85	38	60.6	3.94	
Peoria b†	85	40	61.9	5.54								Sigourney				2.64	
Philo†	84	37	61.2	4.98								Spencer	89	30	57.4	5.00	
Plumhill†	84	39	64.4	5.12								Spirit Lake†	88	32	57.3	3.28	
Rantoul†	84	38	66.9	5.94								Stuart	89	33	59.2	4.91	
Reynolds	83	37	60.0	5.44								Tara	89	33	58.3	5.10	
Riley†	81	33	58.3	2.74								Thurman	87	36	61.0	5.01	
Rockford	79	34	57.8	4.38								Toledo	88	32	60.0	3.58	
Roundgrove†	87	37	61.0	4.19								Vilisca†	87	33	60.1	4.52	
St. Charles *† ¹	79	38	57.4	4.07								Vinton* ¹	85	39	60.0	3.02	
St. John†	90	41	68.7	6.06								Washington	88	33	58.7	4.59	
Scales Mound	83	30	57.6	4.07								Washta				4.29	
Streator†	81	36	60.8	6.00								Waterloo	86	33	59.4	4.22	
Sycamore†	79	34	59.8	3.20								Waverly	84	34	59.7	5.18	
Tilden	87	39	66.6	5.93								Webster City	88	35	59.9	4.00	
Tiskiwa†	84	32	59.8	7.30								Westbend *† ¹	86	39	58.2	4.85	
Tuscola†	83	39	61.4	5.71								West Branch	83	32	57.4	3.30	
Walnut†	89	37	61.2	5.22								Whitten†	87	38	55.8	4.40	
Wheaton* ²	84	39	57.0	4.20								Wilton Junction†	85	34	60.0	4.51	
Winchester* ¹	88	42	61.5	8.50								Winterset†	88	34	60.1	4.62	
Winnebago†	79	34	57.8	3.52								Kansas.					
Zion†	84	33	58.9	3.22								Abilene†	89	36	64.3	6.20	
<i>Indiana.</i>												Achilles				4.23	
Anderson†	88	39	62.2	4.66								Alticoa* ³	90	42	65.6	5.74	
Angola												Anthony				10.33	
Bloomington†	85	38	64.9	3.94								Atchison†	89	39	62.7	10.32	
Bluffton†	84	37	61.3	6.65								Augusta	90	40	66.1	9.20	
Boonville	90	39	68.3	4.88								Baker	90	37	61.6	5.64	
Bright												Beloit†	92	32	62.6	3.85	
Butterville†	87	35	64.4	4.64								Burlington†	90	30	65.7	6.67	
Cambridge City†	86	36	61.3	2.87								Campbell	92	34	62.4	4.36	
Colombia City* ¹	80	40	59.2	5.44								Chanute	90	41	66.6	6.69	
Columbus†	86	35	62.3	3.54								Colby†	91	30	56.9	4.51	
Connersville†	86	37	62.2	3.03								Columbus	89	39	66.8	6.05	
Crawfordsville	92	40	64.5	10.57								Cooldge†	82	39	58.2	6.13	
Delphi†	86	39	61.6	6.51								Cunningham†	94	34	64.8	6.85	
Edwardsville*† ¹	87	36	67.2	4.77	3.0							Delphos	95	32	62.4	2.62	
Farmland†	84	37	60.7	7.16								Dresden	90	32	58.2	5.01	
Fort Wayne	83	37	60.6	5.21								Ellinwood†	91	34	62.1	4.41	
Franklin* ¹	87	40	64.3	2.09								Emporia	84	40	63.2	7.24	
Greencastle†	82	41	62.6	3.21								Englewood†	94	34	64.8	4.83	
Greensburg	86	39	60.5	2.98								Eskridge	88	40	62.8	7.45	
Hammond†	77	35	57.5	4.07								Eureka				8.74	
Hector	88	36	60.4	5.29								Eureka Ranch†	92	33	60.0	5.25	
Huntington	83	37	60.6	5.66								Fallriver	89	40	65.4	6.04	
Jasper																	

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Kansas—Cont'd.</i>						<i>Louisiana—Cont'd.</i>						<i>Massachusetts—Cont'd.</i>					
Hays	91	87	89	59.2	10.42	Covington	95	44	74.5	0.94		Attleboro	○	○	○	Ins.	Ins.
Horton	87	87	86	62.4	6.74	Donaldsonville	96	47	75.9	0.43		Bedford	81	30	55.4	2.94	T.
Hoxie	90 ¹	87	89	58.4	5.49	Elm Hall	93	47	73.1	0.40		Blucross (summit)	81	37	54.0	4.12	
Hutchinson	89	87	87	64.4	3.88	Emilie	93	44	73.6	T.		Cambridge a	83	31	56.2	3.73	
Independence	94	41	68.6	5.28	Farmerville	92	43	74.0	1.51		Chestnut Hill	82	32	56.4	4.45		
Lawrence	88	40	65.0	7.42	Franklin ^t	96	48	76.5	0.09		Cohasset				4.62		
Lebanon	91	87	88	3.40	Grand Coteau	90	48	74.8	1.58		Concord	82	27	55.0	2.81		
Lebo ^t	90	40	64.6	7.54	Houma	95	46	77.0	1.65		Dudley ^t	77 ⁺	35	55.9	2.65		
Linn					Jeanerette	96	42	75.0	0.67		East Templeton ^t	76	37	54.0	2.77		
Macksville	90	34	60.2	4.30	Jennings	96	40	73.0	T.		Fall River	82	37	56.0	4.96	0.5	
McPherson	90	36	63.2	6.34	Lafayette	96	44	75.0	1.56		Fiske Dale				2.98		
Manhattan b	90	37	63.8	8.54	Lake Charles ^t	94	46	73.8	0.17		Fitchburg a ^{*1}	78	40	55.0	4.11		
Manhattan c	90	37	63.7	8.04	Lawrence	97	49	79.4	0.15		Fitchburg b	81	33	55.1	3.36		
Marion ^t	89	37	67.0	6.75	Liberty Hill	98	42	75.0	2.79		Framingham	83	30	57.3	3.05		
Meade ^t	95	35	65.2	4.51	Mansfield	91	42	73.4	4.38		Groton	81	33	54.7	3.84		
Medicine Lodge ^t	92	37	67.0	6.44	Melville	91	41	73.0	0.50		Hyannis a ^{†1}	75	36	52.6	6.41		
Minneapolis ^t	92	34	62.8	3.03	Minden	98	43	74.6	2.15		Jefferson				3.32		
Morantown ^t	90	40	64.1	8.48	Monroe ^t	93	48	75.3	1.10		Lawrence	84	33	56.8	3.52		
Mounthope ^{*1}	88	41	64.9	7.04	Montgomery	96	42	74.6	3.68		Leeds	82	31	55.9	7.04		
Ness City	89	32	62.2	7.97	New Iberia	93	48	75.2	0.35		Leicester Hill	79	33	55.3	2.31		
Newton	84	38	64.7	5.49	Opelousas	96	42	74.5	0.36		Leominster				3.74		
Norton	89	39	65.0	5.60	Oxford ^t	90	39	73.0	0.60		Long Plain				6.04		
Norwich	88	39 ^b	63.8	6.04	Palmcourtville ^t	95	44	75.8	2.34		Lowell a	82	31	56.4	3.04		
Oberlin					Plain Dealing ^t	96	40	73.8	2.27		Lowell b	83	29	55.4	...		
Olathe ^t	92	37	64.2	11.88	Plaquemine	96	46	75.1	0.00		Lowell c	88	33	57.4	...		
Osage City ^t	88	40	64.4	9.92	Rayne	97	42	74.1	2.55		Ludlow	78	27	52.0	4.65		
Oswego	93	41	68.0	6.85	Robeline	92	47	75.2	2.48		Lynn a	85	34	55.3	4.22		
Ottawa	88	38	63.5	11.86	Ruston	94	43	73.5	2.02		Mansfield ^t	84	34	54.2	4.70		
Phillipsburg	88	32	59.3	3.39	Schriever	97	43	75.0	0.50		Middleboro	84	26	53.6	4.63		
Pratt					Shell Beach	94	50	74.3	T.		Monsour	80	31	56.3	3.66		
Rome ^{†1}	90	40	64.9	9.17	Southern University ^t	90	46	72.6	T.		New Bedford a	84	34	54.2	6.82		
Russell	91	30	62.4	5.67	Sugar Ex. Station ^t	93	50	73.6	T.		New Bedford b	85	33	54.2	6.40		
Salina ^t	93	35	63.2	5.45	Sugartown	92	47	75.2	2.48		New Salem	76	34	55.2	5.66		
Sedan ^t	91	42	67.0	5.62	Venice ^t	89	53	73.8	0.52		Pittsfield	75	37	55.6	5.33		
Seneca	89	30	62.2	3.46	Wallace	93	47	75.2	T.		Plymouth [*]	84	39	56.6	4.29		
Toronto	88	40	65.2	5.29	White Sulphur Springs	96	43	75.6	3.45		Princeton				3.53		
Ulysses	90	26	60.0	6.27							Provincetown	82	33	53.7	3.12		
Viroqua ^t	94	30	62.6	3.61							Salem				4.32		
Wallace ^{*1}	89	32	58.0	5.17							Somerset ^{*1}	90	32	58.4	4.77		
Wamego ^{*1}	88	40	62.6	7.18							South Clinton				3.87		
Wellington	88	38	66.8	7.69							Springfield Armory	82	31	54.4	5.50		
Yates Center	91	38	65.7	5.56							Sterling				3.29		
<i>Kentucky.</i>											Taunton b	84	29	54.5	4.39		
Alpha ^{*3}	41	68.7	3.66								Taunton c	83	25	54.8	4.79		
Ashland	91	35	68.4	4.57							Turners Falls	79	35	55.6	4.26		
Bardstown ^t	90	35	67.2	4.11							Webster				3.35		
Blandville ^t	87	41	68.2	5.41							Westboro ^t	82	26	56.0	3.04		
Bowling Green ^b	90	39	70.4	4.75							Weston	82	29	55.6	3.50		
Burnside ^t											Williamstown	76	31	55.0	4.10		
Caddo	88	32	65.0	5.02							Winchendon				4.53		
Carrollton	90	38	68.8	5.20							<i>Maine.</i>						
Catlettsburg																	
Earlington	90	42	68.2	6.46													
Edmonton ^t	86	38	67.2	2.50													
Ensor	87	40	68.8	5.71													
Eubank	88	34	65.8	4.93													
Falmouth ^t																	
Fords Ferry	88	39	67.9	6.35													
Frankfort																	
Georgetown	86	34	65.4	3.98													
Greensburg ^t	91	36	68.2	4.06													
Henderson ^t	90	42	69.6	4.91													
Hopkinsville ^t	89	42	69.4	4.76													
Irvington	87	38	67.3	4.66													
Leitchfield ^t	86	34	67.0	5.88													
Loretto	89	34	66.5	4.49													
Marrowbone	90	37	66.9	2.86													
Maysville	91	35	65.7	3.27													
Middlesboro ^t	89	37	66.3	4.61													
Mount Hermon	87	37	68.2	3.99													
Mount Sterling ^t	88	35	65.2	4.24													
Owensboro ^t	88	39	68.0	6.25													
Owenton ^t	91	31	65.0	4.06													
Paducah a ^t				5.68													
Paducah b ^t	93	40	71.4	5.37													
Princeton	90	39	68.6	6.02													
Richmond ^t	88	35	66.1	4.72													
Russellville ^t	89	40	71.9	3.68													
St. John ^t	86	33	66.3	4.75													
Scott	85	34	64.2	3.69													
Shelby City	89	35	67.3	3.80													
Shelbyville ^t	91	34	67.5	4.69													
Southfork ^s				61.7	4.94												
Vanceburg	89	36	68.0	3.32													
Williamsburg ^t	89	40	70.2	5.07													
Woodburn ^a	88	38	68.5	3.67													
<i>Louisiana.</i>																	
Abbeville	93	45	74.0	1.00													
Alexandria ^t	93	41	73.8	1.31													
Amite ^t	98	42	75.6	1.49													
Bastrop ^t	93	42	75.1	1.02													
Baton Rouge ^t	95	47	75.6	0.04													
Calhoun	93	42	74.4	1.37													
Cheneyville ^t	95	42</															

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Michigan—Cont'd.</i>																	
Holland ¹⁰	79	35	55.6	In.	In.	Lakeside ^t	83	34	57.1	5.33		Akron	○	○	○	In.	In.
Howell	80	28	57.1	2.39		Lake Winnibigoshish	79	39	52.0	2.96		Arlington				6.31	6.31
Humboldt	81	20	47.6	3.33		Leech Lake	83	36	52.3	3.06		Arthur ³				6.30	6.30
Ionia	85	27	58.2			Long Prairie	89	30	54.6	2.76		Avalon	86 ^t	35 ^t	63.5 ^t	7.83	7.83
Iron River	81	23 ^t	47.6	3.07		Lutsen	75	30	47.6	4.07		Bethany	90	37	62.7	8.62	8.62
Ivan	80	28	54.2	3.27		Luverne ^t	81	33	55.0	4.27		Birchtree	86	37	66.0	6.50	6.50
Jackson	81	31	59.4	2.81		Lynn ^t	83	34	55.4	4.24		Bolkow				7.47	7.47
Jeddo	77	29	54.6	2.16		Mapleplain	81	44	58.8	6.02		Boonville ^t				7.16	7.16
Kalamazoo	81	36	59.4	1.56		Maplewood ¹	81	33	56.8			Brunswick	86	40	64.0	11.88	11.88
Lake City	79	31	55.1	2.00		Milaca	85	39	54.9	2.91		Carrollton	87	39	64.7	8.92	8.92
Lansing	79	32	57.1	1.98		Milan ^t	86	30	56.6	2.36		Conception	89	37	61.6	7.11	7.11
Lapeer	78	25	56.4	2.29		Minneapolis ^a	83	35	57.2	5.53		Cowgill ⁵	88	34	62.8	8.14	8.14
Lathrop	75	34	48.8	5.37		Minneapolis ^b	80 [*]	32	56.4	4.48		Darkerville	90	38	63.4	10.60	10.60
Ludington	76	30	52.9	2.95		Minnesota City ^t	80	32	56.1			Downing				5.88	5.88
Luverne	82	28	53.6	2.41		Montevideo ^t	84	33	56.8	3.43		East Lynne ^{*3}				61.3	7.54
Mackinaw City	75	30	48.7	4.40	T.	Morris	84	30	56.5	2.09		Farmersville				40	40
Madison	81	35	60.0	2.85		Mount Iron	80	32	47.0	2.40		Fayette	93	41	67.3	8.19	8.19
Mancelona	84	26	52.4	4.15		Newfolden	84	36	52.5	1.74		Fulton				7.46	7.46
Manistee	78	22	51.6	2.50		New London	84	32	58.1	1.71		Gallatin ¹	89	38	62.6	10.14	10.14
Manistique	73	22	50.8	3.90		New Richland ¹	87	42	56.1			Glasgow	89	38	64.7	9.46	9.46
Middle Island ¹⁰	73	35	50.8			New Ulm ^t	85	37	57.7	3.08		Gordonville ³	40	64.0	6.51		
Midland	81	26	55.2	1.50		Park Rapids ^t	80	37	51.6	3.47		Gorin				7.44	7.44
Mottville	81	34	59.0	3.06		Pine River	79	30	54.6	4.53		Halfway	88	39	66.6	6.31	6.31
Mount Clemens	80	29	57.8	1.20		Pleasant Mounds	81	31	57.5	2.29		Harrisonville ^t	89	40	63.9	7.76	7.76
Mount Pleasant ^b	81	31	55.5	2.37		Pokegama Falls	81	24	50.6	3.19		Hermann ^t				8.19	8.19
Muskallongee Lake ¹⁰	72	33	46.6			Redwing						Houston	89	37	66.8	5.16	5.16
Muskegon	79	36	55.3	2.67		Reeds						Houstonia				9.41	9.41
Newberry	76	25	49.5	3.35		Rolling Green	82	34	58.5	2.80		Irena				5.25	5.25
North Manitou Island ¹⁰	70	30	49.6		T.	Roseau	74	24	46.8	0.89		Ironton ^t	89	36	66.2	7.55	7.55
North Marshall	81	30	56.9	2.74		St. Charles ^t	81	27	57.0	1.80		Jefferson City ^t	93	40	67.2	8.35	8.35
Northport	76	30	52.5	2.50		St. Cloud	84	36	56.8	2.96		Kidder	85	37	61.8	11.17	11.17
Oil Mission	80	34	54.0	3.12		St. Olaf	84	32	55.4	1.70		Lamar ^t	93	40	67.9	6.20	6.20
Olivet	79	34	57.9	1.71		St. Peter	81	26	51.1			Lebanon				11.28	11.28
Omer	79	30	54.4			Sandy Lake Dam	81	26	51.1	2.67		Lexington	90	38	65.0	8.80	8.80
Ottawa Point ¹⁰	75	36	52.2			Sault Center	86	40	59.4	4.16		Liberty	87	42	64.0	6.98	6.98
Ovid	80	31	57.7	1.89		Shakopee	82	40	59.4			Louisiana	90	41	64.2	7.88	7.88
Owosso	83	29	58.5	2.44		Tower ^t						McCune ¹	87	43	63.1	9.82	9.82
Parkville						Two Harbors	81	30	49.4			Mansfield				5.80	5.80
Pentwater ¹⁰	72	40	55.1			Wabasha ¹	86	43	58.8	1.79		Marblehill	86	38	66.2	6.87	6.87
Petroskey	75	30	50.9	3.77		Willmar	83	35	58.4	3.85		Marshall ^t	87	38	69.4	9.17	9.17
Plymouth	80	30	56.0	1.26		Winnebago City	84	35	57.6	4.00		Maryville	88	36	61.0	5.98	5.98
Point aux Barques ¹⁰	77	38	54.7			Worthington	81	36	55.6	5.70		Mexicot	90	40	64.7	6.79	6.79
Point Betsay ¹⁰	74	36	51.6			Zumbrota ¹	82*	30	58.7			Mineralspring	87	38	65.8	12.43	12.43
Port Austin	77	35	54.5	2.14								Montreal	87	39	66.2	5.95	5.95
Powers	80	27	51.9									Mount Vernon	92	41	69.2	10.70	10.70
Reed City	84	30	54.8	1.52								Neosho	88	38	67.1	10.43	10.43
Rockland	83	29	51.6	2.18								Nevada	88	40	66.2	5.80	5.80
Rogers	81	27	51.3	3.76								New Haven	89	41	66.8	8.05	8.05
Romeo	77	34	56.6	1.60								New Madrid	88	43	70.7	7.39	7.39
Saginaw	81	32	57.9	2.41								New Palestine	88	40	68.2	7.79	7.79
St. Ignace	75	30	50.0	3.22								Oakfield	92	40	67.6	7.98	7.98
St. Johns	80 ^b	29 ^b	58.8 ^b	2.07								Oakmound				7.34	7.34
St. Joseph	80	38	55.6	1.89								Olden ^t	87	37	66.3	6.96	6.96
Sandbeach ^a	77	33	52.0	1.82								Oregon ^a	88	38	62.1	8.15	8.15
Somerset	78	32	57.1	2.11								Oregon ^b	91	38	63.2	8.21	8.21
South Haven	80	33 ^b	54.7	1.79								Osceola ^t				5.40	5.40
Sturgeon Point ¹⁰	71	31	52.6									Oto				9.40	9.40
Thomaston	76	25	53.9	2.18								Palmyra ⁶	88	44	63.3	8.57	8.57
Thornville	78	32	58.6	2.49								Phillipsburg ^{*1}	88	40	65.8	8.16	8.16
Thunder Bay Island ¹⁰	66	36	49.4									Pickering ³	87	39	60.8	7.39	7.39
Traverse City	85	23	51.5									Platte River	89	33	62.5	8.15	8.15
Two Heart River ¹⁰	76	30	46.9									Potosi	88	31	61.0	7.43	7.43
Valley Center	79	36	55.2	1.57								Princeton	93	36	63.6	8.35	8.35
Vandalia	80	36	58.8	3.06								Rhinelander	89	41	65.7	8.15	8.15
Vassar	79	27	56.4	2.15								Richmond	86	40	63.0	8.78	8.78
Vermillion Point ¹⁰	70	27	43.0									Rolla				5.78	5.78
Wasepi	79	33	58.1	2.94								St. Charles	87	40	66.2	9.38	9.38
Waverly	82	31	56.3	2.30								St. Joseph				7.69	7.69
West Harrisville	78	30	53.2	2.12								Sarcoxie ³	92	44	66.0	7.98	7.98
Wetmore	78	28	48.2	2.28								Sedalia	89	36	63.8	9.41	9.41
White Cloud	81	30	56.1	1.50								Seymour	85	39	65.8	8.86	8.86
Ypsilanti	78	33	57.4	3.10								Shelbina				10.40	10.40
<i>Minnesota.</i>												Sikeston				8.04	8.04
Adat	92	24	55.2	2.67								Steffenville	85	41	63.6	7.48	7.48
Albert Lea	82	33	57.2	3.55								Stelladat ^t	91	32	65.6	8.19	8.19
Alexandria ^t	85	34	55.4	3.21								Sublett	88	36	62.4	19.22	19.22
Beardsley	84	27	54.6	2.81								Trenton	85	37	63.1	6.70	6.70

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		
<i>Montana—Cont'd.</i>						<i>Nebraska—Cont'd.</i>						<i>Nevada—Cont'd.</i>							
Chinook f.	78	28	52.2	1.01	In.8.	Hooper *1.	88	38	58.8	5.57	In.8.	Levers Ranch.	78	24	51.3	1.07	In.8.		
Choteau.	78	24	49.5	3.75	T.	Imperial f.	87	30	58.1	7.29	3.5	Los Vegas.	85	41	62.3	0.20			
Columbus Falls.	77	28	51.0	1.75		Indianola (near) *1.	.....	.....	.....	5.22		Lovelocks.	.....	.....	.....	1.55	
Crow Agency.	82	26	53.8	3.60	T.	Johnstown.	.....	.....	.....	6.05		McGill.	78	27	52.0	1.82	
Dearborn Canyon.	75	20	46.8	7.73	9.0	Kearney.	88	29	54.6	8.63		Martins.	79	30	52.9	0.79			
Deer Lodge.	76	24	48.6	2.83		Kennedy.	90	35	55.9	6.96		Midas.	75	27	48.1	3.19	17.5		
Dupuyer.	76	24	48.6	1.25	6.0	Kimball f.	85	27	53.0	6.49	15.0	Mill City *1.	90	40	55.6	1.70			
Fort Benton.	77	29	61.7	3.25		Kirkwood *1.	85	27	56.2	2.62		Monitor Mill.	79	24	48.0	2.48			
Fort Keogh f.	90	30	59.6	2.42		Lexington f.	85	37	60.2	4.26		Osecola.	79	30	54.6	1.70	8.0		
Fort Logan.	73	19	48.4	4.48		Lincoln b.	87	36	60.5	3.81		Palisade *1.	82	35	58.2	0.50			
Fort Missoula.	78	27	56.0	4.80		Lincoln d.	85	30	54.2	3.55	3.0	Palmetto.	77	27	49.6	4.05	32.0		
Glendive f.	32	.....	2.00			Lodgepole.	86	34	56.4	2.30		Panaca.	93	27	58.7	1.76		
Glenwood.	76	22	48.3	4.06		Loup b *1.	82	36	57.2	6.05		Reno *1.	93	32	57.9				
Greatfalls f.	76	20	53.6	3.22	T.	Lynch *1.	82	36	57.2	6.05		Reno State University.	90	33	51.7	0.95			
Kalispell.	80	.....	1.41			Lyons.	.....	.....	.....	4.99		Ruby Valley.	.....	.....	.....	2.65	
Klippf.	84	19	47.3	3.82	11.4	McCook *1.	87	37	60.7	3.95		St. Clair.	81	35	55.2	2.73			
Lewistown.	76	24	49.2	4.41	0.5	McCool.	.....	.....	.....	4.24		San Antonio.	85	25	53.6	0.83	
Livingston f.	83	28	48.8	4.03	T.	Madison.	84	35	56.8	4.33		Sodaville.	86	34	57.2	2.16			
Manhattan f.	82	25	50.2	8.00		Madrid *5.	85	33	54.6	4.08		Spring Valley.	80	35	54.0	0.21			
Martinsdale f.	76	26	47.2	4.43		Marquette.	.....	.....	.....	3.85		Tecoma *1.	70	38	47.7	1.00	
Marysville f.	72	22	45.0	5.77	3.6	Merriman.	.....	.....	.....	6.80		Toano *1.	80	30	50.4	4.04	3.0
Parrot.	80	36	50.7	4.19		Minden a.	88	32	57.5	5.34		Tybo.	80	28	51.8	4.15			
Poplar.	87	32	55.2	0.85		Minden b.	.....	.....	.....	4.91		Verdi *1.	90	30	51.6	0.91	
Radersburg.	76	29	47.0	2.10		Monroe.	.....	.....	.....	5.09		Wadsworth *1.	86	40	58.4	1.37	
Redlodge.	73	24	44.8	12.63	16.0	Nebraska City c.	90	30	60.0	2.67		Wells.	86	21	49.9	1.41			
St. Ignatius Mission.	77	29	52.2	3.32		Nemaha *1.	89	40	62.0	5.40		<i>New Hampshire.</i>	.....	.....	.....	.....
St. Paul's f.	74	28	50.5	0.14		Nesbit.	66	30	53.9	6.16		Alstead *1.	76	36	56.4	4.30			
Troy.	86	26	53.4	2.13		Norfolk b.	84	35	57.5	3.53		Berlin Mills.	83	14	51.2	1.42			
Utica.	78	32	48.2	5.87	13.0	Norman.	.....	.....	.....	3.72		Bethlehem.	76	32	54.4	2.83	
Wibaux.	84	24	52.8	0.90		North Loup.	86	31	58.0	3.65		Brookline *1.	84	28	58.6	3.55			
Yale.	75	28	46.2	2.89	3.0	Oakdale f.	90	33	57.4	5.75		Claremont.	83	36	55.4	3.37			
<i>Nebraska.</i>	.....	.....	.....	.....		Odell *5.	84	38	61.7	4.98		Concord.	83	27	55.4	2.92	
Agee *1.	89	38	57.0	5.46		O'Neill f.	87	32	54.6	5.62		Durham.	83	28	55.1	3.79			
Albion.	96	31	59.8	4.03		Osceola.	84	29	56.2	3.43		Hanover.	79	29	55.2	2.71			
Alexandria.	.....	.....	.....	6.13		Ough f.	.....	.....	.....	5.90		Keene.	81	29	55.6	4.58	
Alliance.	.....	.....	4.81	2.0		Palmer b.	.....	.....	.....	3.98		Littleton.	77	30	54.7	1.46	
Alma *1.	86	38	57.8	6.96		Plattsburgh a.	.....	.....	.....	4.40		Nashua.	84	22	55.4	2.92	
Ansley f.	93	29	57.0	3.87		Ravena a.	85	32	56.8	3.15		Newton.	83	24	53.9	4.22			
Arapaho *1.	88	38	58.0	2.89		Redcloud a.	.....	.....	.....	3.50		North Conway.	86	27	54.6	2.55	
Arborville *1.	88	28	57.8	3.92		Redcloud b *1.	90	38	64.0	3.25		Peterboro.	81	27	53.3	4.59			
Ashland a.	86	34	60.3	5.16		Republican *1.	88	32	62.7	5.03		Plymouth.	83	25	54.7	2.90			
Ashland b *1.	96	41	63.2	5.95		Rulof *1.	92	40	63.2	6.89		Sanbornton f.	78	30	53.4	3.40			
Ashton.	86	34	57.8	2.29		St. Libby.	83	34	59.0	4.36		Stratford.	78	25	54.0	2.10			
Auburn *1.	92	36	61.5	6.04		St. Paul.	86	34	59.0	3.45		Warner.	.....	.....	.....	4.12	
Aurora *1.	93	37	61.9	3.73		Salem *1.	84	40	59.8	5.57		<i>New Jersey.</i>	.....	.....	.....	.....
Beartree f.	87	32	60.1	3.64		Santee Agency f.	90	36	58.8	4.56		Asbury Park.	89	36	56.4	6.68			
Beaver City f.	90	33	58.5	3.69		Sargent.	.....	.....	.....	3.21		Barnegat.	84	41	54.2	5.63	
Bellevue.	.....	.....	3.26			Schuylerville.	.....	.....	.....	6.78		Bayonne.	91	38	58.8	6.35	
Benedict.	.....	.....	3.90			Seneca *1.	86	30	55.2	8.25		Belvidere.	87	29	58.3	7.81	
Benkelman.	.....	.....	5.31			Seward *1.	80	39	58.0	5.14		Bergen Point.	87	40	58.4	6.75	
Blair.	85	38	58.4	6.70		Springview.	85	33	53.7	5.95		Beverly f.	93	36	61.0	5.70			
Bluehill.	.....	.....	5.05			Stanton *1.	89	38	59.4	3.90		Billingsport *1.	82	47	60.4	8.03	
Brokenbow.	.....	.....	4.71			Stockham.	.....	.....	.....	3.00		Boonton.	88	36	58.3	7.70	
Burchard.	.....	.....	6.90			Strang *1.	90	40	62.8	5.81		Bridgeton.	93	39	63.9	8.12	
Burwell.	.....	.....	3.14			Superior *1.	90	38	62.5	4.96		Camden.	88	37	60.2	5.89	
Callaway f.	80	30	54.8	4.45		Syracuse.	.....	.....	.....	4.96		Cape May C. H. f.	87	40	57.8	6.70	
Camp Clarke.	88	31	54.7	4.22		Tablerock.	92	.....	.....	6.29		Charlotteburg.	84	30	56.4	7.63	
Central City *5.	86	38	60.8	5.25		Tecumseh b.	92	35	64.2	4.00		Chester.	83	34	56.3	6.26			
Cody.	.....	.....	4.95			Tekamah.	88	36	59.6	5.15		Clayton.	91	37	60.2	5.80	
Columbus f.	86	34	58.6	5.92		Theodiford *1.	82	35	52.0	8.90		College Farm t.	88	36	59.4	7.86			
Cornlea.	.....	.....	6.18			Turlington f.	86	34	56.3	3.49		Deckertown.	84	30	58.6	7.06	
Creighton f.	90	31	57.0	6.74		Valentine f.	89	29	54.2	5.98		Dover.	87	34	57.4	6.77			
Crete.	84	35	60.0	3.30		Valparaiso.	.....	.....	.....	7.15		Egg Harbor City.	92	37	58.2	5.37	
Culbertson.	.....	.....	3.84			Wakefield.	86	38	58.4	5.02		Hammonton.	92	36	59.0	7.42	
Curtis a.	87	30	60.0	5.34		Wallace.	.....	.....	.....	4.80		Hanover.	86	36	58.5	7.10	
Dannebrog *1.	92	40	62.7	3.72		Weeping Water *1.	90	33	57.1	3.41		Hightstown.	90	39	60.3	6.52			
David City.	85	35	57.3	6.80		Westpoint t.	87	35	59.6	4.08		Imlaytown.	93	36	61.4	7.16			
Dawson.	88	35	61.6	6.92		Wilber *1.	84	36	63.8	5.30		Junction.	93	36	61.4	9.13			
Divide.	.....	.....	2.38			Willard.	.....	.....	.....	3.60		Lambertville.	91	34	60.2	.....		
Dunning *1.	84	38	58.0	2.22		Wilsonville *1.	88	36	60.3	4.82		Moorestown.	89	36	60.2	6.60			
Eden.	.....	.....	6.13			Wisner.	.....	.....	.....	3.95		Newark b.	88	38	58.2	6.86	
Edgar.	.....	.....	2.98			Wymore *1.	87	41	62.4	5.27		New Brunswick a.	90	35	61.0	8.23	
Ericson *1.	88	38	59.2	3.92		York *1.	89	40	58.8	4.03		Newton.	94	32	57.4	9.11			
Ewing f.	.....	.....	3.81				.....	.....	.....	.....		Ocean City.	85	40	56.2	5.68	
Fairbury f.	87	34	60.8	5.14					Oceanic.	84	30	57.6	9.07		
Fairfield.	4.29						Paterson.	92	37	59.6	7.44		
Fairmont f.	85	34	58.0	4.67						Plainfield.	88	34	57.6	8.54	
Fort Robinson.	86	30	53																

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>New Mexico.</i>																	
Albert.	92	38	65.5	1.30	Ins.	Napoli.	o	o	o	5.17	T.	North Carolina—Cont'd.	o	o	o	Ins.	Ins.
Albuquerque†.	89	34	63.4	0.12		Newark Valley.	5.48		Waynesville†.	98	36	63.5	1.96	
Alma.	88	32	59.3	0.04		New Lisbon.	74	27	52.4	3.92		Weldon†.	93	40	69.3	6.14	
Aztec†.	95	27	55.1	0.90	2.0	Niagara Falls.	2.77		<i>North Dakota.</i>					
Bernalillo†.	92	37	63.2	0.02		North Hammond†.	86	32	56.5	3.08		Amenia.	86	26	53.7	3.20	
Bluewater.	90	22	55.0	0.20		North Lake.	72	30	51.2	4.87		Aneta.	86	25	59.2	1.53	
Buckmans.	78	19	46.2	0.49		Number Four†.	74	28	52.0	3.71		Ashley†.	85	25	51.4	2.44	
Clayton.	87	32	58.5	2.07		Nunda.	83	31	56.9	5.45		Bottineau.	87	19	51.8	0.05	
Deming*.	90	45	63.5	0.00		Ogdensburg.	85	37	57.2	2.44		Buxton.	82	26	52.4	3.25	
East Lasvegas†.	81	32	57.0	1.04		Oneonta.	82	30	56.0	5.00		Church's Ferry.	91	20	52.9	2.21	
Eddy.	97	41	70.5	1.25		Oxford.	81	29	56.6	3.90		Coal Harbor.	84	25	53.0	0.99	
Engle†.	89	36	63.2	T.	Palermo.	79	32	55.7	4.10		Devils Lake.	86	28	52.8	1.39		
Espanola.	87	32	57.6	T.	Perry Yan.	84	34	58.7	2.66		Dickinson†.	86	27	52.6	2.00		
Folsom.	88	29	55.4	2.03	11.7	Perry City.	90	32	55.5	3.36		Ellendale.	86	29	52.0	2.40	
Fort Bayard.	87	33	58.5	0.00		Phoenix.	4.14		Fargo†.	84	21	53.0	4.15	
Fort Union.	82	25	52.2	0.49	T.	Pine City.	74	40	55.0	1.70		Forman†.	84	23	52.3	3.81	
Fort Wingate.	82	26	55.1	0.18		Plattsburg Barracks†.	84	30	59.2	7.15		Fort Berthold.	91	29	55.2	2.04	
Galisteo.	92	34	59.4	0.00		Port Jervis.	84	31	57.0	4.74		Fort Yates†.	86	27	53.4	4.05	
Gallinas Spring†.	91	25	63.1	0.38		Poughkeepsie.	84	31	56.4	7.91		Fullerton†.	88*	24	53.6	2.24	
Gila.	93	39	63.9	0.22		Primrose.	86	35	56.4	1.96		Gallatin†.	86	14	52.3	2.50	
Laluz.	94	42	67.7	T.	Ridgeway.	84	32	56.6	3.46		Goetz.	90	22	51.6	0.05		
Las Cruces†.	92	32	62.7	T.	Rome.	76	36	56.4	3.82		Grafton†.	85	26	54.4	1.05		
Lordsburg*.	93	50	68.8	0.00		Romulus.	80	32	57.2	4.31		Hamilton.	85	23	51.8	1.26	
Los Lunas.	88	31	60.8	0.15		Rose.	3.63		Jamestown†.	86	23	52.2	4.03	
Lower Penasco.	88	38	62.9	0.70		St. Johnsville.	81	31	57.0	3.88		Kelso.	84	27	53.7	4.56	
Monero.	79	22	48.4	1.16		Saranac Lake.	80	26	53.8	3.23		Langdon.	82	21	50.6	1.15	
Olio.	90	30	61.3			Saratoga Springs.	79	35	57.2	4.49		Larlmore†.	87	24	50.7	2.90	
Puerto de Luna.	94	29	66.4	T.	Scottsville.	.....	.....	.....	3.46		Lishon.	86	23	52.6	3.88	
Raton.	81	24	52.8	1.57	5.0	Setanket†.	82	36	56.2	8.30		McKinney.	88	21	52.4	0.01	
Rincon†.	93	36	66.0	0.15		Sherwood.	3.15		Mayville.	86	28	54.0	2.84	
Roswell†.	97	38	67.6	1.03		Skaneateles.	5.28		Medora†.	91	24	56.4	3.40	
San Marcial.	.....	.....	.....	T.	South Canisteo.	80	28	55.4	3.87		Melville.	85	23	52.8	2.33	
Shattucks Ranch.	100	.....	1.39		Southeast Reservoir.	.....	.....	.....	7.89		Milton†.	82	21	51.8		
White Oaks†.	85	32	59.0	0.00		South Kortright†.	80	27	53.2	4.06		Minnewaukon.	84	22	57.8	1.08	
Winsors Ranch.	78	20	46.0	0.82		Straits Corners.	82	33	56.8	4.35		Napoleon†.	84	26	53.3	3.77	
<i>New York.</i>					Ticonderoga.	81	35	57.2	2.02		New England City.	78	24	49.8	1.59		
Adams.	.....	.....	2.84		Victor.	84	31	58.7	4.08		Oakdale†.	84	27	52.8	2.16	
Addison.	81	33	57.8	4.12	Wappingers Falls.	84	32	58.4	7.65		Pembina.	89	24	54.0	0.95		
Alden.	89	29	56.4	2.46	Warwick.	.....	.....	.....	7.56		Portal.	84	21	50.7	0.82	
Alfred.	77	30	55.7	3.27	Watertown.	87	27	58.6	3.41		St. John†.	81	23	51.6	0.24		
Angelica†.	81	28	56.8	3.51	Watkins.	82	32	57.0	2.72		Sheyenne.	90	20	53.4	2.45		
Appleton.	87	32	55.4	1.81	Waverly†.	81	31	57.9	3.86		Steele†.	84	22	53.0	2.08		
Arcade.	80	28	55.2	4.62	Wedgewood.	78	31	56.0	3.40		Town†.	85	23	51.8	0.85		
Atlanta.	.....	.....	0.5		Westfield.	82	32	57.6	4.19		University.	82	23	52.6	2.32	
Auburn.	85	32	57.8	5.24	Westpoint†.	84	38	56.9	7.51		Valley City†.	82	27	53.0	3.94		
Avon.	86	26	58.0	2.27	Willetts Point.	86	37	56.8	8.11		Walpeton†.	82	25	54.4	2.09		
Baldwinsville.	81	35	57.4	3.84	<i>North Carolina.</i>	.....	.....	.....	7.56		Washburn.	87	19	52.4	1.55	
Bedford.	83	32	56.0	9.12	Abshers.	92	35	66.2	2.95		White Earth.	83	28	49.9	0.26		
Big Sandy*.	80	38	55.2		Asheville†.	87	44	68.6	3.04		Whiter Ranch.	24	24	54.6	2.73		
Bolivar.	82	24	56.6	3.46	Biltmore†.	89	35	66.4	2.49		Wildrice†.	86	18	52.8	0.25		
Buckville.	77	30	54.3	4.43	Bryson City†.	89	35	66.4	2.27		Willow City.	85	20	50.5	0.15		
Boyd's Corners.	.....	.....	7.37		Chapelhill†.	94	39	70.0	3.15		Woodbridge†.	85	20	50.5	0.15	
Brentwood.	90	28	57.3	11.50	Experimental Farm.	93	43	68.4	10.03		<i>Ohio.</i>	.....	.....	.....	.....
Brooklyn.	90	37	57.8	7.44	Fairbluff†.	.....	.....	.....	1.91		Akron.	82	33	59.1	3.96	
Canajoharie.	80	38	58.6	3.54	Fayetteville†.	88	42	70.8	1.59		Annapolis.	85	33	60.9	4.16		
Canton.	83	27	57.7	2.69	Flatrock.	88	35	64.2	3.77		Ashland.	78	31	57.6	3.64		
Carmel.	82	37	58.0	7.13	Goldsboro.	104	36	71.6	3.36		Ashtabula.	83	36	57.4	2.79		
Carvers Falls.	79	29	55.1	2.98	Greensboro†.	92	41	69.2	6.35		Atwater.	84	23	52.6	4.25		
Catskill.	81	38	57.0	4.39	Henderson†.	93	38	68.3	7.64		Bangorville.	84	34	59.9	4.94		
Cedarhill.	78	37	57.6	4.90	Horse Cove.	86	31	66.4	1.62		Basil.	84	23	54.4	4.18		
Charlotte*.	80	32	51.6		Lenoir†.	88	46	67.7	5.02		Bellefontaine.	90	38	60.8	4.08		
Chemango Forks.	.....	.....	3.56		Lyon†.	93	38	68.4	1.52		Bement.	83	35	60.1	3.42	
Cherry Creek.	.....	.....	5.03		Marion.	92	34	67.2	5.08		Benton Ridge.	83	35	60.1	4.36	
Cooperstown†.	78	40	55.4	4.70	Mocksville.	91	40	68.8	3.25		Bethany.	88	35	59.4	3.25	2.0	
Cortland.	75	30	55.4	4.96	Moncreef†.	93	41	69.2	3.81		Bigprairie.	83	35	59.4	4.23		
Dekalb Junction.	.....	.....	3.02		Monroe†.	100	33	69.6	1.28		Binola.	87	35	59.4	3.03	
Dryden.	81	28	55.7	3.59	Morganton.	83	48	67.6	3.45		Bissell.	82	34	59.8	2.47		
Elizabethtown.	82	33	55.2		Mountainty.	91	35	66.4	3.80		Bladensburg.	86	32	60.6	5.52		
Elmira.	84	35	59.0	4.29	Mount Pleasant.	92	34	69.8	3.97		Bloomingburg.	85	36	62.4	5.24		
Fleming.	78	33	56.4	3.18	Murphy†.	94	37	69.6	1.58		Bowling Green.	83	34	59.4	5.04		
Fort Niagara†.	81	34	55.8	2.24	Newbern.	99	38	71.6	4.33		Bucyrus.	82	36	60.0	4.66		
Franklinville.	80	27	55.5	3.48	Oakridge†.	93	37	68.4	4.68		Cambridge.	85	31	58.5	4.64		
Fulton.	.....	.....	3.15		Pantego.	91	37	68.8	3.30		Camp Dennison.	88	34	64.4	3.26	
Garrattsville.	76	30	53.7	4.70	Pittsboro†.	102	41	73.3	3.04		Canal Dover.	86	32	59.8	5.62		
Gloversville.	80	34	55.6	6.45	Rockingham†.	90	35	66.4	7.91		Canton.	84	36	60.0	4.48		
Greenwich.	78	32	56.1	3.48	Roxborot.	90	35	66.4	7.91		Carrollton.	85	30	60.0	4.48		
Haskinsville.	.....	.....	3.43		Salem†.	94	37	69.6	3.69		Cedarville.	87	35	60.0	6.25	
Hemlock Lake.	80	34	55.8		Salisbury†.	95	40	70.8	2.46		Celina.	84	36	61.0	5.05		
Honeymead																	

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Ohio—Cont'd.</i>																	
Fairport Harbor * ¹⁰	83	40	58.8	In.	In.	Oklahoma—Cont'd.	91	42	68.8	6.53		Pennsylvania—Cont'd.	80	33	56.2	In.	In.
Findlay	85	32	60.8	4.36		Fort Sill	96	44 ^a	72.5 ^a	6.55		Cassandra	80	33	56.2	6.35	
Frankfort	88	34	62.4	3.58		Guthrie	96	36	.....	6.76		Cedar Run	.....	.....	.....	1.35	
Garretttsville†	80	30	57.8	3.11		Hennessey	95	38	67.6	7.21		Centerhall†	83	34	58.4	4.87	
Granville	86	34	60.5	6.39		Hopeton	93	38	68.6	7.53		Chambersburg†	88	38	62.1	4.73	
Gratiot	84	36	61.8	4.12		Jefferson	90	39	68.7	8.46		Coatesville	94	34	61.4	4.89	
Greenfield	88	38	64.4	3.00	T.	Kingfisher	97	40	69.8	5.17		Confluence†	86	30	60.4	4.36	
Greenhill	85	30	57.8	3.89		Mangum†	94	39	68.2	6.53		Coopersburg	85	34	59.5	7.05	
Greenville	80	38	60.4	3.63		Newkirk	94	39	68.2	6.53		Davis Island Dam†	.....	.....	.....	3.93	
Hackney	86	40	66.0	3.03		Normant	93	41	70.0	11.74		Derry Station	86	31	62.6	4.34	
Hanging Rock	91	36	64.0	3.32		Pawhuska	89	42	68.0	8.07		Doylestown	.....	.....	.....	5.94	
Hedges	82	35	60.0	4.00		Prudene†	36	.....	.....	5.53		Driftwood	.....	.....	.....	4.05	
Hillhouse	81	29	56.2	2.72		Sac and Fox Agency	91	42	68.0	10.18		Duncannon	.....	.....	.....	6.90	
Hillsboro†	91	34	64.0	3.09		Stillwater†	90	41	68.5	8.56		Dushore	80	23	56.6	3.03	
Hiram	79	34	58.2	3.00		Waukomis	94	40	68.9	5.61		East Bloomsburg	.....	.....	.....	6.11	
Hudson	84	32	59.6	3.43		Winnview	89 ^c	39 ^c	68.8 ^c	13.38		East Mauch Chunk	88	32	59.8	5.67	
Jacksonboro	88	32	63.9	3.10		Oregon.	85	36	56.6	1.95		Easton	86	31	60.2	8.03	
Kenton	85	36	60.6	3.77		Albany a	.....	.....	.....	1.36		Ellwood Junction†	82	30	60.1	4.21	
Killbuck	85	36	59.7	4.70		Albany b	.....	.....	.....	1.36		Emporium	86	34	60.8	8.20	
Lancaster	85	36	61.2	6.10		Arlington	86	37	59.9	0.56		Everett	.....	.....	.....	3.55	
Leipsic	84	34	59.2	5.14		Ashland b	89	32	55.0	1.55		Farrandsville	.....	.....	.....	6.33	
Levering	86	30	59.6	5.15		Aurora *	90	45	56.7	1.48		Forks of Neshaminy * ¹	87	41	61.5	7.54	
Logan	92	33	63.2	4.21		Aurora (near)	90	32	54.8	1.97		Franklin	83	29	58.6	4.08	
Lordstown	84	34	58.6	4.45		Bandon	72	42	54.1	2.83		Frederick	.....	.....	.....	6.21	
McArthur	86	31	61.6	4.53		Bay City†	81	35	54.1	6.18		Freeport†	.....	.....	.....	3.39	
McConnellsburg†	88	35	61.9	4.40		Beulah	85	23	52.4	1.39		Girardville	.....	.....	.....	6.33	
Mansfield†	.....	.....	6.65	.....		Brownsville * ¹	87	50	58.8	2.30		Grampian	82	38	59.6	3.30	
Marietta b	86	39	63.8	2.77		Burns	80	22	48.5	1.52		Greensboro†	90	32	62.6	3.67	
Marion	84	35	60.8	3.82		Burns (near)	.....	.....	.....	2.37		Greenville	80	31	62.0	3.59	
Medina	82	33	59.0	3.05		Cascade Locks	86	38	57.8	2.67		Hamburg	90	32	62.1	7.85	
Milfordton	83	34	58.4	5.28		Comstock * ¹	83	40	53.3	3.14		Hawley	87	31	58.9	4.95	
Milligan	90	32	61.5	4.97		Coquille River	.....	.....	.....	2.48		Hews Island Dam	.....	.....	.....	4.45	
Millport	82	35	58.6	3.86		Corvallis	85	34	54.9	2.26		Holidaysburg	88	31	62.2	6.30	
Montpelier	81	33	58.9	4.31		Dayville†	88	28	54.6	2.28		Huntingdon a†	87	31	61.8	6.16	
Napoleon	84	32	60.2	4.80		Eugene	.....	.....	.....	3.06		Huntingdon b	.....	.....	.....	4.60	
Neapolis	.....	.....	4.10	.....		Fairview	73	35	50.4	3.51		Indiana	.....	.....	.....	4.91	
New Alexandria	82	38	59.6	5.77		Falls City	85	34	54.0	2.00		Irwin	.....	.....	.....	4.63	
New Berlin	84	34	59.2	4.86		Forestgrove	89	32	55.1	2.48		Johnstown†	87	34	62.8	7.28	
New Bremen	82	35	62.1	2.72		Fort Klamath	77	22	48.8	2.11		Karthaus	.....	.....	.....	1.92	
New Holland	86	37	63.3	4.30		Gardiner	86 ^b	40 ^b	55.2 ^b	4.98		Keating	.....	.....	.....	3.30	
New Paris	83	36	61.0	3.80		Glenora	87	32	52.4	5.59		Kennett Square	91	36	60.9	4.60	
New Waterford	90	30	60.8	4.18		Government Camp	74	25	43.8	3.69		Lansdale	.....	.....	.....	5.82	
North Lewisburg	85	38	61.2	5.80		Grants Pass a†	88	31	56.0	1.90		Lawrenceville	81	.....	.....	3.62	
North Royalton	82	34	58.7	2.95		Happy Valley	81	19	47.4	2.45		Lebanon	88	33	61.0	7.90	
Norwalk	88	33	59.3	2.83		Heppner	80	28	52.4	1.11		Leroy†	79	34	57.0	3.65	
Oberlin	.....	.....	3.40	.....		Hood River (near)	75	36	55.8	0.86		Lewisburg	87	32	60.8	6.04	
Ohio State University	84	35	61.4	5.83		Jacksonville	87	34	56.0	1.77		Lock Haven a†	89	34	63.2	4.43	
Orangeville	86	30	57.8	3.09		Joseph	75	24	47.2	2.76		Lock Haven b	.....	.....	.....	4.10	
Ottawa	83	37	61.4	5.26		Junction City * ¹	84	40	56.3	2.08		Lock No. 4†	.....	.....	.....	3.72	
Pataskala†	87	36	62.2	5.20		Lafayette *	84	44	57.4	1.61		Lycippus	84	35	61.2	3.82	
Perry	.....	.....	2.39	.....		Lagrange	83	31	52.8	1.72		Mifflin	.....	.....	.....	5.60	
Philo	90	35	62.2	5.26		Lakeview†	80	27	50.0	1.74		Oil City†	.....	.....	.....	4.64	
Plattsburg	85	35	61.0	4.85		Langlois	83	36	56.0	6.23		Ottsville	.....	.....	.....	6.27	
Point Marblehead * ¹⁰	88	43	62.2	.....		Lone Rock	78	27	49.8	1.59		Parker†	.....	.....	.....	3.92	
Pomeroy	91	36	64.9	2.79		McMinnville	90	33	55.4	1.61		Philadelphia b	91	38	61.3	5.84	
Portsmouth a†	.....	.....	3.53	.....		Merlin *	88	44	58.2	1.00		Point Pleasant	.....	.....	.....	10.15	
Portsmouth b	92	36	66.4	3.50		Monmouth a * ¹	90	44	59.1	1.52		Pottstown	90	35	61.6	5.95	
Richwood	82	33	61.8	5.09		Monmouth b	87	32	53.8	1.19		Quakertown	88	33	59.4	6.26	
Ridgeville Corners	85	33	59.1	4.54		Monroe	81	35	54.8	1.61		Reading ^a	86	32	60.6	.....
Ripley	87	33	64.2	3.43		Moro	78 ^b	32 ^b	52.5 ^b	0.65		Reedsville	.....	.....	.....	3.12	
Rittman	84	30	55.8	4.23		Mount Angel†	88	35	56.4	2.65		Renovo a	85	34	61.6	3.18	
Rockyridge	83	36	61.4	3.66		Nehalem	.....	.....	.....	3.56		Renovo b	.....	.....	.....	3.78	
Rosewood	81	37	60.4	3.61		Newberg	90	32	54.2	2.35		Ridgway†	.....	.....	.....	3.78	
Sidney b	86	38	62.0	4.78		Newbridge	87 ^c	28 ^c	55.8 ^c	1.34		Saegerstown	83	35	56.0	4.00	
Sinking Spring†	85	36	62.8	4.23		Newport	81	38	52.5	4.02		St. Marys	79	33	56.8	3.52	
Somerset†	88	36	62.8	3.97		Pendleton	86	30 ^b	57.5	1.55		Salem Corners	77	37	56.3	5.55	
Springboro	.....	.....	3.61	.....		Placer	.....	.....	.....	3.67		Scranton	81	33	58.1	4.47	
Strongsville	.....	.....	3.43	.....		Prineville	93	23	57.2	1.61		Seitzoltzville	.....	.....	.....	6.23	
Sylvania	84	33	58.8	2.16		Riverside†	86	33	52.4	1.17		Selinsgrove	87	32	60.2	5.28	
Thurman	89	35	63.2	2.84		Salem b†	85	36	56.2	1.75		Shawmont	82	36	56.4	5.07	
Tiffin†	81	37	60.4	4.36		Sheridan * ¹	78	44	55.5	1.04		Sinnamahoning	.....	.....	.....	3.78	
Upper Sandusky	83	37	60.4	4.66		Silver Lake	82	19	47.4	1.87		Smiths Corners	.....	.....	.....	7.80	
Urbana	83	37	61.4	3.46		Silverton * ¹	90	50	59.9	2.35		Somerset	84	30	58.1	3.91	
Vanceburg	89	34	63.2	2.53		Siskiyou * ¹	85	39	61.4	1.75		South Bethlehem	88	34	61.7	.....
Van Wert	82	36	59.5	6.09		Sparta	75	22	49.4	1.37		South Eaton	78	38	58.6	3.67	
Vermillion	81	35	58.8	2.08		Springfield * ¹	71	44	55.6	2.91		State College	83	35	60.2	4.28	
Vickery	83	34	60.2	3.95		Stafford	88	36	55.4	2.09		Sunbury	.....	.....	

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Rhode Island—Cont'd.</i>	o	o	o	Ins.	Ins.	<i>South Dakota—Cont'd.</i>	o	o	o	Ins.	Ins.	<i>Texas—Cont'd.</i>	o	o	o	Ins.	Ins.
Providence <i>c.</i>	84	36	55.7	4.07		Wolsey	.....	.....	.....	4.49		Forestburg	100	44	71.5	6.50	
<i>South Carolina.</i>						Tennessee.	89	36	67.4	2.50		Fort Clark	100	51	79.7	0.00	
Allendale	101	42	74.0	1.07		Andersonville	92	43	72.0	4.95		Fort McIntosh	107	54	81.9	1.85	
Anderson	102	42	74.9	2.20		Arlington	90	40	69.8	2.66		Fort Ringgold	105	57	81.1	0.55	
Batesburg <i>t.</i>	102	43	75.1	1.13		Benton (near) <i>t.</i>	96	35	69.6	0.67		Fort Stockton	.....	.....	.....	0.22	
Blackville <i>t.</i>	102	43	75.1	0.85		Blue City <i>t.</i>	90	42	70.5	4.44		Fort Worth	101	45	75.0	4.85	
Camden <i>t.</i>	.....	.....	.....	0.85		Bolivar <i>t.</i>	87	36	64.6	3.93		Fredericksburg <i>t.</i>	94	47	73.2	1.22	
Central	98	39	73.6	0.55		Brownsville	91	45	72.4	4.69		Fruitland	103	42	71.0	2.55	
Cheraw <i>a</i> <i>t.</i>	103	41	73.2	1.81		Byrdstown	88	39	68.2	2.49		Gainesville	94	42	72.0	5.90	
Cheraw <i>b</i> <i>t.</i>	.....	.....	.....	2.16		Cartage <i>t.</i>	92	39	70.7	2.05		Golindo	.....	.....	.....	1.50	
Clemson College <i>a</i>	97	45	71.8	0.85		Center Point	.....	.....	.....	3.40		Grapevine	98	45	73.2	4.44	
Clemson College <i>b</i>	96	40	71.8	0.95		Clarksville	88	43	70.0	4.67		Hale Center <i>t.</i>	98	40	68.6	2.54	
Conway <i>t.</i>	.....	.....	.....	1.86		Clinton	95	47	73.8	5.48		Hallettsville <i>t.</i>	97	49	76.6	1.61	
Darlington	.....	.....	.....	0.97		Covington	93	38	69.2	0.62		Haskell	103	40	73.1	2.02	
Edisto <i>t.</i>	.....	.....	.....	1.50		Decatur <i>t.</i>	91	42	70.0	3.94		Hearne	94	51	76.6	2.50	
Ethingham <i>t.</i>	.....	.....	.....	1.19		Dover	94	43	70.8	4.42		Henrietta	99	43	73.0	3.17	
Florence	100	43	73.8	1.57		Dyersburg	94	43	66.9	3.89		Hewitt	.....	.....	.....	1.55	
Gaffney <i>t.</i>	.....	.....	.....	0.74		Elizabethton <i>t.</i>	94	36	66.9	3.89		Honey Grove	.....	.....	.....	4.52	
Georgetown <i>t.</i>	98	48	74.6	1.90		Elk Valley	88	37	67.0	4.05		Houston	90	51	74.9	1.50	
Gillisonville	106	42	75.6	1.45		Erasmus	87	31	63.8	2.10		Hulen	94	50 ^b	75.3	1.70	
Greenville <i>t.</i>	93	39	68.6	1.50		Fairmount <i>*5</i>	84 ^e	38	66.8	2.02		Huntsville	93	45	75.3	5.65	
Greenwood	102	41	75.2	1.65		Florence <i>t.</i>	88	40	70.2	2.25		Jacksonville	90	41	73.9	2.15	
Holland	96	41	69.2	0.65		Franklin	90	40	70.2	2.54		Jasper	93	50 ^c	75.2	3.45	
Kingstree <i>a</i> <i>t.</i>	100	45	75.5	2.51		Grace <i>*1</i>	94	40	69.5	3.00		Kent	.....	.....	.....	0.62	
Kingstree <i>b</i> <i>t.</i>	.....	.....	.....	2.51		Greeneville <i>t.</i>	90	35	66.2	2.70		Kerrville	96	44	72.6	1.17	
Little Mountain	103	40	74.2	1.51		Harrinian	91	42	69.0	1.14		Lampasas <i>t.</i>	98	44	74.4	0.88	
Longshore <i>t.</i>	101	40	73.2	0.50		Hohenwald <i>t.</i>	92	39	70.8	4.04		Mount Blanco <i>t.</i>	102	37	69.8	1.12	
Marion	101	46	74.8	1.80		Jackson	90	45	71.2	4.99		New Braunfels <i>t.</i>	96	50	76.2	4.60	
Mount Carmel <i>t.</i>	.....	.....	.....	0.98		Johnsonville	90	39	70.6	6.45		Orange	92	56 ^b	74.7	0.02	
Pinopolis <i>*1</i>	93	50	71.5	3.70		Jonesboro <i>t.</i>	85	40	65.1	4.68		Panter	.....	.....	.....	2.88	
Port Royal <i>t.</i>	98	49	76.3	1.11		Kingston <i>t.</i>	.....	.....	.....	0.70		Paris	94	.....	.....	3.77	
St. George <i>t.</i>	98	46	74.8	0.80		Lafayette	90	41	69.8	2.38		Point Isabel <i>*1</i>	90	66	79.2	1.10	
St. Matthews <i>t.</i>	100	46	74.8	1.63		Lewisburg <i>*1</i>	88	38	70.8	0.92		Rheinland	104	43	72.6	2.08	
St. Stephens <i>t.</i>	.....	.....	.....	2.68		Liberty <i>t.</i>	90	40	69.9	2.41		Roby	94	39	.....	5.28	
Santuck <i>t.</i>	100	41	70.3	0.85		Lynnyville	89	40	70.4	1.20		Rockport <i>*1</i>	85	64	73.6	0.75	
Shaws Fork <i>*1</i>	103	44	76.7	1.20		McKenzie <i>t.</i>	89	43	71.0	5.00		Rocksprings	.....	.....	.....	0.75	
Smiths Mills <i>t.</i>	.....	.....	.....	5.07		McMinnville	91	37	68.8	4.05		Runge <i>t.</i>	94	52	76.5	2.98	
Society Hill <i>t.</i>	98	46	73.6	2.48		Madison	94	37	71.8	2.08		San Antonio	99	52	77.6	1.18	
Statesburg <i>t.</i>	101	44	75.0	1.12		Maryville <i>*5</i>	91	42	70.0	1.87		San Marcos <i>b</i> <i>t.</i>	92	47	74.6	6.40	
Trenton	98	45	75.4	0.59		Milan	92	43	72.2	3.90		Sugarland	.....	.....	.....	2.02	
Trial	95	40	70.7	6.31		Newmarket <i>*5</i>	89	40	69.2	2.21		Sulphur Springs <i>t.</i>	98	45	76.2	6.45	
Walhalla	94	39	68.8	1.28		Newport <i>t.</i>	89	39	67.8	2.92		Temple <i>a</i>	94	47	74.4	1.05	
Winnsboro	100	42	73.4	1.00		Nunnally	89	41	69.6	3.06		Temple <i>b</i>	.....	.....	.....	1.01	
Yemassee <i>t.</i>	102	44	75.4	1.33		Oak Hill	90	37	68.0	2.31		Tulia	.....	.....	.....	3.36	
Yorkville	99	44	75.2	1.32		Palmetto <i>t.</i>	90	37	70.4	1.28		Tyler	96	45	74.6	1.65	
<i>South Dakota—Cont'd.</i>	.....	.....	.....	.....		Perryear <i>*5</i>	87	39	70.6	4.00		Valentine <i>t.</i>	97	88	68.0	0.00	
Aberdeen <i>t.</i>	87	30	54.6	3.41		Pope	91	37	70.5	3.82		Victoria	.....	.....	.....	1.56	
Alexandria <i>t.</i>	86	33	57.9	4.94		Rogersville <i>t.</i>	86	38	65.7	6.81		Waco	98	46	76.5	1.02	
Armour	89 ^d	34 ^d	55.3 ^d	4.19		Rugby	85	36	65.4	2.93		Waxahachie <i>t.</i>	98	43	73.6	4.90	
Ashcroft <i>t.</i>	85	25	52.3	2.83		St. Joseph	91	36	69.8	2.94		Weatherford <i>t.</i>	95	45	72.7	6.48	
Bowdle	84	24	52.4	3.12		Savannah	92	41	71.6	3.50		Wichita Falls <i>t.</i>	.....	.....	.....	2.73	
Brookings <i>t.</i>	83	29	54.5	5.15		Sewanee <i>t.</i>	87	34	66.6	1.75		Utah.	.....	.....	.....	.....
Canton	87	30	57.8	5.03		Silverlake	83	34	60.9	4.21		Alpine <i>t.</i>	.....	.....	.....	4.59	
Centerville	.....	.....	.....	6.65		Springdale	92	36	67.6	4.16		Blue Creek <i>*1</i>	82	38	52.8	8.06	
Chamberlain <i>t.</i>	87	34	58.1	6.36		Sylvia	88	35	68.6	3.73		Brigham <i>t.</i>	.....	.....	.....	4.52	
Desmet	92	30	54.8	3.81		Tazewell	.....	.....	.....	3.39		Cisco <i>t.</i>	89	32	60.4	1.86	
Doland	87	28	54.6	2.41		Tellico Plains <i>t.</i>	92	39	69.7	1.75		Corinne	84	30	54.2	2.15	
Farmingdale	.....	.....	.....	2.12		Tracy City	88	34	66.2	1.42		Ferron	83	29	54.1	1.91	
Flandreau	87	32	56.6	8.22		Trenton	90	41	70.0	3.92		Fillmore <i>t.</i>	89	23	51.8	4.44	
Forestburg <i>t.</i>	86	29	54.8	4.62		Tullahoma <i>t.</i>	88	34	67.6	1.65		Fort Duchesne <i>t.</i>	80	30	54.0	0.61	4.0
Forest City	89	30	57.1	2.30		Union City	89	43	69.9	4.23		Frisco	80	28	51.3	2.59	
Fort Meade <i>t.</i>	88	30	52.3	9.60		Waynesboro	88	38	69.4	3.60		Giles <i>t.</i>	92	30	60.0	0.88	
Gann Valley	88	31	56.0	5.02		Wilderville	87	44	70.4	4.42		Heber	80	30	50.8	.....
Gary	85	34	56.0	3.85		Yukon	90	37	71.0	2.39		Huntsville	.....	.....	.....	3.28	
Goudyville	87	24	52.8	3.21		Texas.	.....	.....	.....	.....		Keeton <i>*1</i>	82	35	53.6	3.35	
Harney	86	29	50.4	4.14		Albany <i>*1</i>	97	46	73.9	2.03		Levant <i>t.</i>	79	28	52.0	5.57	9.5
Highmore	85	30	55.0	4.17		Anson	.....	.....	.....	4.57		Loat <i>t.</i>	79	20	45.8	1.50	0.5
Hitchcock	.....	.....	.....	3.65		Austin <i>a</i>	95	50	76.1	2.50		Logant	78	33	51.8	5.02	
Hot City <i>t.</i>	87	28	55.6	7.04		Austin <i>b</i> <i>*5</i>	91	48	71.8	.....		Millville	.....	.....	.....	1.71	
Hot Springs	83	32	52.7	3.73		Ballinger <i>t.</i>	100	44	72.4	2.78		Minersville	.....	.....	.....	31	2.35
Howard <i>t.</i>	84	32	54.8	3.61		Beeville <i>t.</i>	97	51	77.1	3.70		Moab <i>t.</i>	90	36	61.6	1.58	3.0
Interior	90	30	56.4	3.90		Blanco <i>t.</i>	94	40	68.6	1.50		Mount Pleasant <i>t.</i>	91	27	55.0	3.50	2.0
Ipswich	85	30	54.0	2.01		Boerne <i>*1</i>	93	50	73.8	2.71		Ogden <i>a</i> <i>*1</i>	88	38	55.4	5.23	
Kimball <i>t.</i>	88	32	53.7	2.96		Childress <i>t</i>											

TABLE II.—*Meteorological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations	Temperature. (Fahrenheit.)			Precipita- tion.		Stations,	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Vermont—Cont'd.</i>						<i>Washington—Cont'd.</i>						<i>Wisconsin—Cont'd.</i>					
Brattleboro	83	27	56.6	5.19	In. s.	Stillaguamish	86	32	55.0	1.58	In. s.	Valley Junction †	80	30	56.6	1.95	In. s.
Burlington †	76	38	57.6	2.14		Sunnyside †	86	31	59.2	0.73		Viroqua	80	36	57.8	2.04	
Chelsea †	73	31	52.1	3.34		Union City †	82	35	55.4	1.36		Watertown †	73	31	56.3	4.32	
Cornwall	77	34	55.4	3.49		Vancouver	87	33	55.0	2.42		Waukesha †	78	33	56.4	1.92	
Enosburg Falls	78	27	55.8	2.70		Vashon †	82	38	55.0	0.93		Waupaca †	82	30	57.7	2.88	
Hartland †	79	26	53.6	3.99		<i>West Virginia.</i>						Wausau †	75	28	54.6	2.55	
Jacksonville	72	26	50.4	6.44		Beckley	81	31	60.2	3.70	T.	Westbend	78	32	54.4	2.71	
Norwich	70	26	53.0	3.25		Beverly †	90	28	59.5	6.15		Westfield †	81	31	57.4	1.60	
St. Johnsbury	76	29	54.3	2.46		Buckhannon a†	89	37	62.2	5.13		Whitehall	82	29	56.8	2.00	
Vernon *	83	46	57.0	4.52		Buckhannon b	89	31	63.0	4.78		White Mound †	84	28	58.5	3.85	
Wells	80	35	55.2	2.82		Burlington †	89	31	63.0	4.78		<i>Wyoming.</i>					
Woodstock	76	26	52.2	2.92		Charleston †	81	31	63.0	4.34		Basin	70	18	42.4	2.28	
<i>Virginia.</i>						Dayton †	89	30	61.2	4.05		Big Horn Ranch	70	18	42.4	5.03	
Alexandria	93	37	65.4	3.05		Elkhorn †	86	34	64.3	5.07		Big Piney	73	20	45.2	1.46	T.
Ashland †	93	38	65.8	6.05		Fairmont †	86	35	62.6	4.01		Carbon	82	22	47.7	2.45	
Baliville	98	36	67.3	5.48		Glenville	87	33	62.0	4.73		Embar	78	25	49.3		
Barbourville	89	35	66.0	7.66		Grafton	86	31	60.7	3.60		Evanston	70	24	44.6	2.83	12.0
Bedford City	93	38	68.4	7.81		Green Sulphur	86	31	60.7	6.51		Fort Laramie †	89	28	53.1	4.60	
Bigstone Gap †	88	36	65.3	5.18		Harpers Ferry	87	32	62.6	4.44		Fort Washakie	78	27	47.8	5.77	12.2
Birdsneck † *	92	47	65.2	4.20		Hinton a†	91	38	65.2	4.44		Fort Yellowstone †	73	23	45.0	1.95	1.0
Blackburg	88	33	62.2	5.83		Hinton b†	91	38	65.2	4.44		Laramie	73	20	44.1	1.88	
Buckingham †	92	33	66.0	3.53		Huntington	90	32	62.4	3.63		Lovell	80	31	52.2	4.83	7.0
Burkes Garden						Kingwood	84	31	60.4	5.55		Lusk†	85	25	50.4	4.17	
Callaville	89	38	65.7	6.24		Marlinton †	86	31	60.0	5.27		Otto	82	25	51.0	5.05	
Charlottesville	90	38	68.0	7.37		Martinsburg †	89	33	62.3	4.51		Sheridan	80	15	45.6	4.44	
Christiansburg						Morgantown b†	87	32	62.6	4.78		Sundance	80	28	49.3	4.03	
Clarksville						New Cumberland	87	33	62.4	4.78		Wheatland	84	25	52.2	4.38	6.0
Clifton Forge	89	35	65.4	4.13		New Martinsville	89	32	63.8	4.54		<i>Mexico.</i>					
Dale Enterprise	90	30	62.0	4.94		Nuttallburg	87	31	62.1	4.20		Ciudad P. Diaz	96	58	80.4	1.27	
Danville						Oldfields †	88	32	63.6	5.83		Leon de Aldamas	93	53	72.0	0.94	
Dowell	98	35	67.2	3.82		Point Pleasant †	92	38	66.0	3.51		Puebla	88	41	63.5	3.18	
Dwale						Powellton	89	38	64.4	3.85		Topolobampo *	86	67	76.3	0.00	
Farmville	95	38	68.6	5.49		Romney	87	35	64.0	4.51		<i>New Brunswick.</i>					
Fredericksburg †	96	35	66.2	7.47		Rowlesburg †	90	30	64.3	4.20		St. Johns	67	30	49.8	1.79	
Grahams Forge	87	36	63.2	4.94		Upper Tract											
Hampton	89	44	66.1	4.66		Weston a											
Lexington †	89	36	64.6	5.81		Weston b * †	70	35	64.2	4.42							
Maidens						Wheeling a†											
Manassast	91	34	64.9	3.89		Wheeling b†	87	46	65.8	3.63							
Marion	91	36	62.6	5.83		White Sulphur Springs	88										
Miller School	91	40	66.7	5.06		<i>Weston, W. Va.</i>											
Petersburg †	93	38	67.7	5.35		<i>Amherst</i>	79	35	56.2	2.40							
Radford						Antigo											
Richmond (near) †	93	38	67.0	6.95		Barron	76	26	49.6	4.40							
Rockymount †	90	36	67.6	4.25		Bayfield	78	31	51.3	2.50							
Salem †	89	37	67.0	6.74		Beloit	77	34	58.4	3.45							
Speers Ferry						Brothead	82	33	56.8	2.29							
Spottsville †	93	38	67.4	4.32		Butternut	89	35	54.3	1.27							
Stanardsville †	91	33	63.5	5.72		Chilton	79	34	56.9	3.70							
Staunton †	90	33	65.0	4.82		Citypoint	86	34	60.8	1.58							
Stephens City †	91	35	65.4	5.62		Delavan	79	30	56.4	2.77							
Sunbeam †	91	39	66.6	4.51		Dodgeville †	80	31	57.1	5.30							
Warrenton	90	40	66.2	5.13		Easton	81	28	57.0	1.88							
Warsaw †	93	38	65.0	3.94		East Claire	84	32	57.2	1.96							
Westbrook Farm	93	39	66.3	3.37		Fond du Lac	88	31	56.2	3.12							
Westpoint	89	36	63.8	5.01		Grand River Locks											
Woodstock †	94	34	66.8	4.85		Grantsburg †	84	23	53.8	4.85							
Wytheville †	89	36	64.4	4.41		Gratiot	83	27	56.9	3.08							
<i>Washington.</i>						Hartford											
Aberdeen	89 ^b	34	53.8	3.35		Hartland	79	32	56.8	1.92							
Anaerotes						Harvey	80	31	57.0	3.06							
Ashford †						Hayward	87	30	55.3	5.07							
Blaine †	81	27	51.8	1.50		Heafford Junction *	88	38	54.2	1.91							
Brinmon	82	40	56.2	2.57		Hillsboro	80	31	56.8	1.43							
Centerville †	81	21	53.3	0.38		Kenosha * ¹⁰	78	49	53.1	2.67							
Clearwater	89	31	53.0	5.06		Knapp	89	29	55.8	2.67							
Colfax	80	30	52.5	2.37		Koepenick * ¹¹	80	34	57.1	3.80							
Coupeville †	83	38	56.8	1.65		Lancaster †	85	32	58.4	3.33							
Dayton	84	32	55.6	1.80		Lincoln	78 ^c	34 ^c	53.2 ^c	3.38							
Eliensburg	82	31	55.4	0.12		Madison †	78	38	57.5	4.71							
Ellensburg (near)	90	30	56.9	0.27		Manitowoc †	80	34	52.8	2.86							
Fort Simcoe †	84	33	58.0	0.18		Meadow Valley †	82	31	56.2	1.32							
Fort Spokane	83	30	53.7	2.30		Medford †	85	25	53.7	1.18							
Grandmound †	88	31	54.4	1.79		Menasha											
Hunters †	75	26	50.1	3.62		Neillsville	78	30	55.6	1.58							
Kennewick †	92	37	63.4	0.37		New Holstein	78	32	53.6	2.34							

TABLE III.—Data furnished by the Canadian Meteorological Service, May, 1898.

TABLE IV.—*Mean temperature for each hour of seventy-fifth meridian time, May, 1898.*

Stations.	Local Time												Greenwich Mean Time												
	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Midnight.	Mean.
Bismarck, N. Dak....	49.6	48.4	47.0	45.6	44.4	43.6	42.8	44.9	48.0	52.1	55.5	57.9	59.5	60.2	61.5	62.5	63.0	62.9	62.3	61.2	58.8	55.6	52.8	51.7	53.9
Boston, Mass.....	51.6	51.1	50.7	50.2	50.1	50.5	52.4	54.0	56.0	57.0	57.7	58.1	58.8	59.7	60.0	60.1	59.7	58.6	55.6	54.6	53.9	52.9	52.2	55.1	55.1
Buffalo, N. Y.....	54.2	53.3	52.8	51.7	51.5	52.0	53.5	54.4	56.5	57.9	59.2	59.9	60.4	60.3	60.7	60.5	59.8	58.5	57.7	57.4	56.4	56.3	55.5	55.1	56.5
Chicago, Ill.....	54.6	54.3	53.7	53.1	53.0	52.5	52.0	53.4	54.0	55.3	55.9	56.5	57.7	58.2	59.1	59.7	59.5	58.5	57.5	57.2	56.5	56.2	56.0	55.4	55.8
Cincinnati, Ohio....	61.2	60.4	59.6	58.7	57.8	57.3	57.4	59.9	62.0	64.6	66.7	68.5	70.0	71.0	71.8	72.2	72.3	71.7	70.1	68.9	66.8	65.4	63.8	62.5	65.0
Cleveland, Ohio....	56.6	55.7	54.5	53.1	52.6	53.1	55.0	56.2	57.5	58.1	58.7	58.8	59.7	60.3	60.9	61.3	61.4	60.5	59.5	58.9	57.6	57.3	57.3	57.6	57.6
Detroit, Mich.....	54.3	53.6	52.6	52.0	51.8	52.1	53.1	54.9	57.3	59.1	61.2	62.4	63.4	64.6	65.5	65.9	65.2	64.6	62.8	61.3	58.7	57.6	56.7	55.5	58.6
Dodge City, Kans....	56.3	55.7	54.9	54.2	53.3	52.6	51.5	52.8	55.4	58.7	61.2	64.0	66.5	68.1	69.7	70.5	71.1	71.0	69.5	67.7	64.4	61.9	59.9	58.2	61.2
Eastport, Me.....	48.6	48.3	43.1	42.8	42.7	49.1	44.2	45.6	47.3	48.6	50.1	50.7	51.4	51.9	52.2	52.3	50.7	49.6	48.2	46.2	45.5	44.9	44.4	47.1	
Galveston, Tex.....	73.3	72.9	72.5	72.2	71.9	71.8	72.8	73.0	73.8	74.6	75.8	76.7	76.9	76.9	77.3	77.3	77.0	76.3	75.6	75.0	74.5	74.2	73.9	73.7	74.6
Havre, Mont.....	49.2	48.1	46.7	45.5	44.2	43.0	42.4	43.4	45.4	48.0	51.7	54.1	56.3	57.8	59.1	59.8	61.0	61.3	61.3	60.6	59.3	57.2	53.1	50.9	52.5
Kansas City, Mo....	60.6	60.3	59.5	58.8	58.3	57.9	57.5	58.4	60.8	62.5	64.6	66.7	68.0	68.5	70.3	71.0	71.4	70.5	69.3	68.1	66.1	64.6	63.4	62.5	64.2
Key West, Fla.....	75.9	75.6	75.3	75.3	75.4	75.5	76.8	77.6	78.9	79.8	80.5	80.8	81.4	81.3	81.2	80.7	80.1	79.2	78.1	77.5	77.0	76.8	76.6	76.3	78.1
Memphis, Tenn.....	70.5	69.6	68.5	67.5	66.7	65.7	67.0	68.9	71.1	73.2	75.4	77.1	78.7	80.1	80.7	80.8	80.5	79.2	77.2	75.9	74.2	72.7	71.5	73.2	
New Orleans, La....	70.7	69.9	69.1	68.5	68.1	67.8	68.3	70.2	73.1	75.6	78.1	80.1	81.2	82.1	82.5	83.0	82.8	81.5	79.6	77.4	75.8	74.3	73.0	72.0	75.2
New York, N. Y....	53.2	53.1	52.6	52.2	52.1	51.7	51.9	52.7	54.0	55.5	56.3	57.5	58.5	59.4	59.7	60.2	60.1	59.4	57.9	56.8	55.7	55.1	54.6	53.7	55.7
Philadelphia, Pa....	55.8	55.4	55.0	54.6	54.4	54.6	55.9	58.1	60.0	61.4	63.0	64.7	65.6	67.6	68.1	68.3	67.0	65.4	63.3	61.8	59.3	58.2	57.4	56.6	60.5
Pittsburgh, Pa.....	59.7	58.5	57.5	56.8	56.2	55.8	56.4	58.6	61.0	63.8	65.8	67.4	68.5	69.2	69.0	70.1	69.9	69.3	68.1	66.0	64.5	63.5	62.3	61.2	63.3
Portland, Oreg....	55.6	54.5	53.0	51.9	51.1	50.2	49.4	48.8	48.3	50.2	52.1	54.1	56.8	58.7	60.3	61.6	62.7	63.2	63.6	63.6	62.7	61.3	59.1	57.2	58.3
St. Louis, Mo....	63.8	63.0	62.2	61.3	60.5	60.2	60.2	61.7	63.2	65.2	67.7	70.0	71.5	72.7	73.3	73.6	74.4	73.4	72.0	70.2	69.1	67.1	65.8	64.6	66.9
St. Paul, Minn.....	54.8	53.5	52.1	51.4	50.4	49.8	49.5	50.8	52.8	55.4	57.9	60.0	62.3	63.7	65.1	65.8	66.4	66.0	65.1	64.1	62.3	60.3	58.0	56.5	58.1
Salt Lake City, Utah....	51.6	50.5	49.8	49.4	48.9	47.5	46.6	47.8	48.8	51.2	53.7	56.2	57.6	58.2	58.7	59.0	60.1	60.6	60.1	59.0	58.5	57.5	54.0	52.5	
San Diego, Cal.....	57.3	57.1	56.7	56.5	56.1	55.8	55.7	55.6	55.7	56.6	57.8	59.2	60.5	61.2	61.5	61.9	62.1	61.1	60.8	59.8	58.0	57.9	56.8		
San Francisco, Cal....	50.2	49.8	49.6	49.1	49.0	48.9	49.0	49.2	49.0	49.7	50.9	52.1	53.4	54.7	55.5	55.3	56.0	55.9	55.0	54.1	53.2	52.3	51.3	50.9	51.8
Savannah, Ga.....	69.5	68.9	68.2	67.3	66.7	66.4	68.1	71.0	75.4	78.7	81.4	83.6	84.3	84.2	83.4	81.8	80.2	77.7	76.2	74.5	72.9	71.8	71.3	70.4	74.7
Washington, D. C....	59.1	58.1	57.2	56.5	56.2	56.4	58.0	60.5	62.6	64.5	66.8	68.8	70.3	71.9	72.4	71.9	71.1	69.8	67.3	65.1	63.2	62.1	61.4	60.3	63.8

TABLE V.—*Mean pressure for each hour of seventy-fifth meridian time, May, 1898.*

Stations.	Wind Velocity												Wind Velocity												Wind Velocity	
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.	
Bismarck, N. Dak...	.28	.212	.215	.216	.218	.222	.225	.222	.240	.242	.238	.231	.227	.217	.208	.196	.187	.178	.172	.166	.167	.175	.181	.191	.195	.206
Boston, Mass....	.29	.826	.822	.823	.830	.837	.845	.850	.852	.850	.851	.844	.836	.828	.820	.813	.812	.814	.820	.826	.825	.841	.837	.836	.834	.832
Buffalo, N. Y....	.29	.068	.095	.097	.097	.101	.112	.121	.126	.129	.125	.122	.117	.110	.104	.098	.091	.087	.086	.088	.090	.101	.103	.103	.099	.104
Chicago, Ill....	.29	.060	.063	.061	.059	.067	.073	.063	.095	.097	.095	.092	.090	.086	.083	.075	.074	.071	.066	.063	.063	.066	.073	.076	.070	.075
Cincinnati, Ohio...	.29	.284	.280	.281	.282	.286	.295	.305	.314	.314	.313	.311	.306	.302	.291	.270	.264	.262	.266	.271	.275	.283	.284	.282	.286	.284
Cleveland, Ohio...	.29	.129	.134	.122	.124	.129	.136	.145	.152	.152	.149	.149	.147	.143	.135	.136	.122	.118	.113	.115	.118	.122	.126	.126	.130	.131
Detroit, Mich....																										
Dodge City, Kans...	.27	.320	.316	.311	.310	.309	.316	.325	.325	.328	.345	.345	.345	.335	.324	.311	.299	.285	.279	.274	.275	.284	.301	.317	.323	.313
Eastport, Me....	.29	.877	.875	.875	.880	.886	.896	.903	.905	.906	.905	.900	.895	.889	.882	.877	.874	.877	.884	.888	.892	.890	.887	.886	.884	.888
Galveston, Tex....	.29	.923	.916	.912	.911	.913	.917	.927	.936	.945	.951	.956	.958	.953	.943	.928	.918	.909	.900	.894	.897	.909	.918	.925	.926	.924
Havre, Mont....	.27	.320	.321	.320	.318	.320	.321	.325	.326	.327	.329	.327	.322	.317	.311	.304	.297	.290	.282	.279	.277	.282	.289	.301	.306	.309
Kansas City, Mo...	.28	.925	.917	.913	.911	.915	.923	.933	.946	.952	.955	.952	.945	.940	.933	.912	.904	.895	.893	.891	.895	.903	.908	.922	.921	.921
Key West, Fla....	.30	.019	.008	.001	.003	.010	.019	.025	.028	.037	.039	.040	.034	.023	.015	.001	.991	.981	.975	.977	.988	.004	.010	.019	.024	.022
Memphis, Tenn....	.29	.541	.534	.530	.533	.541	.552	.563	.574	.583	.586	.587	.583	.572	.558	.544	.533	.520	.514	.512	.514	.526	.536	.541	.540	.546
New Orleans, La....	.29	.961	.954	.952	.954	.961	.971	.984	.990	.999	.996	.994	.985	.970	.959	.942	.930	.925	.929	.937	.949	.960	.963	.958	.960	.960
New York, N. Y....	.29	.612	.606	.605	.608	.613	.623	.632	.641	.644	.645	.635	.629	.619	.606	.597	.594	.592	.598	.597	.603	.615	.619	.620	.617	.615
Philadelphia, Pa...	.29	.830	.825	.820	.822	.829	.838	.848	.852	.856	.857	.850	.841	.830	.818	.808	.804	.804	.804	.816	.829	.833	.834	.830	.829	.829
Pittsburgh, Pa....	.29	.072	.068	.065	.067	.073	.081	.090	.094	.094	.092	.089	.081	.081	.068	.061	.050	.040	.035	.049	.056	.065	.069	.078	.070	.068
Portland, Oreg....	.29	.818	.825	.832	.834	.834	.835	.835	.837	.841	.844	.848	.846	.842	.837	.827	.818	.809	.800	.789	.778	.778	.780	.789	.802	.820
St. Louis, Mo....	.29	.335	.331	.333	.335	.336	.350	.367	.369	.374	.373	.374	.371	.363	.354	.338	.329	.323	.311	.311	.312	.321	.334	.336	.338	.342
St. Paul, Minn....	.29	.018	.018	.015	.016	.023	.028	.037	.044	.048	.049	.045	.040	.038	.021	.009	.000	.990	.986	.986	.989	.002	.011	.016	.019	.018
Salt Lake City, Utah	.25	.541	.542	.539	.537	.539	.539	.543	.555	.564	.569	.569	.567	.566	.561	.557	.556	.546	.537	.534	.539	.533	.545	.547	.548	.548
San Diego, Cal....	.29	.876	.877	.873	.868	.862	.858	.855	.858	.867	.875	.867	.869	.865	.868	.862	.863	.866	.864	.855	.861	.869	.878	.871	.871	.871
San Francisco, Cal.	.29	.836	.836	.835	.830	.829	.830	.832	.834	.844	.851	.860	.865	.869	.871	.862	.857	.848	.838	.829	.822	.820	.823	.831	.840	.841
Savannah, Ga....	.29	.904	.900	.902	.905	.916	.929	.941	.945	.948	.947	.939	.925	.910	.891	.874	.864	.863	.864	.872	.880	.892	.900	.903	.905	.905
Washington, D. C..	.29	.822	.818	.814	.814	.825	.837	.844	.850	.852	.851	.846	.835	.825	.812	.796	.788	.789	.792	.795	.802	.815	.821	.823	.823	.820

TABLE VI.—*Average wind movement for each hour of seventy-fifth meridian time, May, 1898.*

Stations.	Wind Movement												Wind Movement												Midnight.	Mean.
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.			
Abilene, Tex.	12.6	12.6	12.2	11.3	10.6	9.8	10.2	9.9	11.6	12.8	13.3	13.5	14.0	13.5	14.0	14.5	14.5	15.1	14.2	11.5	10.0	10.6	11.0	12.4		
Albany, N. Y.	5.9	5.4	5.2	5.1	5.2	5.5	5.7	6.7	7.3	7.5	8.0	8.6	9.3	9.4	9.0	9.0	8.6	8.2	7.3	6.5	6.5	6.2	5.7	5.2	7.0	
Alpena, Mich.	7.2	6.8	7.1	6.8	6.5	6.5	7.3	8.5	9.5	10.1	11.2	11.8	12.4	12.6	12.8	13.3	12.5	11.2	10.2	9.1	7.1	6.7	6.8	6.9	9.2	
Amarillo, Tex.	19.2	18.4	18.4	17.9	16.3	14.6	14.4	15.3	17.3	18.3	19.5	19.2	19.1	18.2	18.7	19.3	20.5	20.6	20.0	19.4	16.6	18.8	19.9	20.0	18.3	
Atlanta, Ga.	8.0	8.2	8.1	8.2	8.4	8.1	7.2	7.3	7.9	7.8	8.6	9.4	10.3	10.8	11.3	11.2	10.9	10.4	9.3	8.1	8.2	8.7	8.4	8.0	8.9	
Atlantic City, N. J.	10.8	10.2	9.9	9.5	9.5	9.5	10.2	11.2	11.6	12.2	12.0	12.3	12.6	12.5	12.8	12.1	11.9	11.6	10.4	10.3	9.9	10.7	10.6	11.2		
Augusta, Ga.	4.5	4.3	4.4	4.5	3.9	3.7	3.6	4.7	5.2	6.0	7.2	7.4	8.3	8.8	9.9	9.9	9.5	8.8	7.7	6.5	5.5	5.0	4.7	4.8	6.2	
Baker City, Oreg.	4.4	4.0	3.9	5.5	5.5	5.5	6.1	5.9	5.5	5.1	5.4	5.9	7.2	8.0	8.2	9.5	10.0	9.8	9.5	9.0	8.5	7.3	5.2	4.8	6.6	
Baltimore, Md.	4.1	4.0	4.0	4.3	4.1	4.6	5.7	5.8	6.1	6.2	6.6	6.6	6.5	7.1	7.5	7.6	6.5	5.8	5.3	5.4	5.2	5.0	4.8	5.7		
Bismarck, N. Dak.	7.2	7.0	6.5	6.5	6.0	6.1	6.2	6.7	7.7	9.3	10.6	11.4	12.5	12.5	12.8	13.4	13.0	12.0	11.4	9.0	7.9	8.2	7.5	9.4		
Block Island, R. I.	13.0	12.9	12.4	12.5	12.7	13.2	13.8	14.0	14.2	14.3	14.1	14.4	15.9	15.6	14.9	14.6	14.4	14.2	14.5	14.1	14.2	13.5	13.8	14.0		
Boston, Mass.	9.5	9.6	9.6	10.5	10.1	10.2	10.7	11.2	11.0	11.2	12.0	13.0	12.5	12.5	12.1	12.1	12.0	11.2	10.5	9.7	9.4	9.1	8.8	8.7	10.7	
Buffalo, N. Y.	10.1	10.6	10.7	10.0	9.4	9.2	9.4	10.8	10.9	11.5	12.5	13.2	14.4	14.0	14.0	13.9	13.7	12.9	11.5	10.8	10.9	10.9	10.5	11.5		
Cairo, Ill.	6.5	6.6	7.0	7.5	7.6	6.4	6.9	7.5	8.5	9.7	9.8	10.5	10.6	10.6	10.5	9.7	10.1	9.0	8.2	7.1	7.1	6.8	5.8	8.3		
Cape Henry, Va.	11.1	11.3	10.5	10.7	10.8	11.1	10.9	11.4	12.0	12.3	12.5	12.7	12.9	12.3	12.6	13.5	13.9	12.4	12.2	12.4	12.1	11.6	11.9			
Carson City, Nev.	7.7	7.0	5.6	5.2	4.5	4.0	4.0	4.7	4.5	4.9	5.9	6.9	8.4	9.7	10.8	12.6	13.9	14.4	14.3	14.5	12.9	11.4	10.9	9.0	8.7	
Charleston, S. C.	8.9	8.1	7.6	7.5	7.5	8.5	9.8	9.9	9.8	10.2	12.0	14.1	15.0	15.2	14.7	14.9	13.3	12.0	9.9	9.6	9.8	10.1	9.2	10.8		
Charlotte, N. C.	5.8	5.5	5.6	4.9	5.1	4.8	5.1	5.8	6.7	6.6	6.9	7.4	7.8	8.6	9.2	9.1	9.2	9.4	7.1	6.3	6.3	6.2	6.1	6.7		
Chattanooga, Tenn.	3.9	3.7	4.2	4.0	3.7	4.5	4.7	5.3	6.3	6.8	8.6	9.3	10.3	10.5	10.8	10.9	11.8	10.3	9.1	6.9	6.2	5.1	4.1	6.9		
Cheyenne, Wyo.	9.1	9.5	9.0	8.6	8.6	8.8	8.5	8.6	9.6	11.1	12.1	12.3	13.3	13.4	14.2	14.7	14.8	14.6	13.7	11.1	9.9	9.9	10.0	11.3		
Chicago, Ill.	15.4	16.5	17.4	17.8	17.9	17.4	16.9	16.9	16.7	17.7	18.0	19.3	19.2	19.3	19.2	18.9	18.6	17.7	14.9	14.0	15.4	14.7	15.3	17.2		
Cincinnati, Ohio.	5.4	5.5	5.2	5.0	5.2	5.1	5.5	6.7	8.0	9.0	10.2	11.1	11.9	12.2	12.1	12.1	11.6	11.4	10.1	7.9	6.6	6.0	5.4	4.9	8.1	
Cleveland, Ohio.	10.8	11.7	11.3	10.9	10.9	11.1	11.4	11.9	12.6	13.2	13.8	14.3	14.5	13.1	12.7	12.3	11.8	11.3	10.7	9.6	9.7	9.7	10.4	11.6		
Columbia, Mo.	7.7	6.9	6.4	6.5	6.7	7.0	7.7	7.5	8.0	9.0	9.2	9.5	9.8	9.4	9.8	10.2	9.5	9.8	9.5	8.0	7.1	7.6	7.0	8.2		
Columbus, Ohio.	6.0	5.8	5.8	5.7	5.3	5.7	6.1	6.4	7.3	8.6	8.8	9.1	10.0	10.1	10.3	10.7	10.0	9.0	8.4	6.2	6.3	6.2	6.0	7.5		
Concordia, Kans.	5.7	5.8	5.3	5.1	5.7	5.9	5.9	6.4	7.3	8.5	8.7	9.5	9.8	9.7	9.9	9.8	9.4	9.3	8.3	6.2	4.9	5.1	5.5	7.4		
Corpus Christi, Tex.	16.5	15.8	14.7	14.7	14.1	13.4	13.6	13.7	14.3	15.3	16.0	16.9	17.8	18.5	18.4	19.2	19.7	20.2	19.7	18.8	18.1	17.6	16.8	15.8	16.7	
Davenport, Iowa.	7.0	6.6	6.9	6.1	6.1	5.6	6.6	6.9	7.5	8.5	8.9	9.1	9.8	9.7	10.0	10.4	10.2	10.8	9.1	7.7	6.5	6.1	6.7	7.5		
Denver, Colo.	7.8	7.4	6.2	5.2	5.2	5.5	5.4	5.0	4.4	4.9	5.9	6.6	8.1	8.7	8.8	10.3	10.1	10.2	9.2	9.9	9.7	7.7	7.9	7.5		
Des Moines, Iowa.	6.5	6.3	6.4	6.0	5.4	5.5	6.5	7.4	8.1	8.2	9.3	9.9	10.1	10.0	10.3	10.3	9.8	9.5	7.8	6.9	6.0	5.9	6.0	7.9		
Detroit, Mich.	7.0	7.0	7.1	7.1	6.7	6.7	7.5	8.3	8.8	10.0	10.6	11.2	11.3	11.2	11.2	11.5	11.1	10.0	8.7	7.7	7.6	7.5	7.0	8.7		
Dodge City, Kans.	9.8	10.6	11.2	10.8	10.8	10.4	10.6	10.8	11.4	13.3	13.4	13.8	14.0	14.4	14.4	14.1	14.3	13.3	10.9	10.0	10.5	10.5	12.1			
Dubuque, Iowa.	5.4	5.4	5.3	5.4	5.4	5.0	4.9	6.1	7.7	8.1	8.8	9.6	10.0	10.2	10.8	10.0	9.4	9.0	7.9	6.7	6.2	6.2	5.8	7.3		
Duluth, Minn.	8.0	8.0	7.9	8.5	9.0	10.2	11.4	10.1	9.1	10.3	10.9	11.0	10.5	10.5	10.4	10.5	10.0	9.5	7.9	7.1	7.9	8.1	9.3			
Eastport, Me.	7.9	7.3	7.0	7.3	6.5	6.9	6.7	6.8	7.8	8.4	9.0	9.6	10.4	10.2	10.0	10.3	9.3	8.5	8.9	8.7	8.4	8.5	8.5	8.4		
El Paso, Tex.	12.4	11.3	11.5	11.5	12.6	11.3	10.8	9.5	8.6	10.3	11.5	12.9	13.7	14.0	14.5	15.2	16.0	17.0	16.4	16.5	16.2	13.4	13.0	13.0		
Erie, Pa.	6.8	7.0	7.0	7.4	7.7	7.6	8.1	8.7	9.3	9.5	9.0	9.6	9.6	9.7	9.8	9.4	9.2	8.3	8.6	6.6	6.7	7.1	6.9	6.5	8.0	
Eureka, Cal.	6.1	4.9	4.6	4.4	4.0	4.4	4.1	4.5	4.9	5.1	5.9	7.6	9.0	10.2	10.0	10.4	10.4	10.2	10.7	10.7	10.0	9.5	9.7	7.2		
Evansville, Ind.	6.1	5.8	5.7	5.8	5.9	6.2	6.1	6.5	7.4	8.1	9.2	9.9	10.1	10.1	10.2	10.4	10.4	10.0	9.5	9.6	9.0	9.5	9.6	7.4		
Fort Canby, Wash.	10.5	10.0	9.5	10.3	10.8	10.4	11.0	10.8	10.1	11.1	11.7	12.1	12.1	13.5	11.7	11.7	12.2	12.9	13.0	11.9	11.6	11.1	10.8	11.3		
Fort Smith, Ark.	5.1	5.3	5.0	5.0	4.6	4.9	4.9	5.0	5.8	6.4	6.8	7.5	7.6	8.4	8.7	8.5	9.3	7.9	6.4	5.3	5.2	4.7	5.1	6.3		
Fresno, Cal.	9.4	8.8	8.2	7.4	6.7	6.0	5.8	5.2	4.7	5.6	6.5	6.1	5.8	5.5	5.7	5.8	5.4	5.7	6.0	7.2	7.3	7.7	9.1	6.5		
Galveston, Tex.	11.5	11.4	11.4	11.4	10.9	10.7	11.0	11.2	11.5	11.5	12.2	12.8	11.9	12.3	12.0	12.6	12.8	12.3	12.5	11.7	11.2	11.6	11.7	11.7		
Grand Haven, Mich.	7.0	7.4	7.5	7.7	7.9	7.7	8.2	9.2	10.1	10.6	11.1	11.7	12.0	12.9	12.4	12.0	11.0	9.9	9.2	7.5	6.9	6.6	6.7	9.2		
Greenbay, Wis.	7.1	6.8	6.7	6.5	6.5	7.2	8.0	8.8	8.8	9.0	9.2	9.6	9.1	9.5	10.1	10.2	10.3	9.2	8.5	7.5	7.5	6.7	7.3			
Hannibal, Mo.	8.2	8.5	8.7	8.4	8.4	8.1	7.9	8.8	9.4	9.0	9.7	10.8	11.1	11.3	10.8	11.1	11.7	10.9	10.1	8.8	7.4	7.2	7.1	9.2		
Harrisburg, Pa.	4.9	4.8	4.7	4.4	5.4	5.7	6.0	6.7	7.0	7.6	7.9	8.1	7.3	7.8												

TABLE VI.—Average wind movement, etc.—Continued.

Stations.	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Midnight.	Mean.
Oswego, N. Y.	8.7	8.6	8.8	8.6	8.5	8.5	8.8	9.3	9.6	10.1	9.9	10.0	10.4	11.0	10.2	9.8	8.9	8.7	8.2	8.0	8.6	8.7	8.4	9.2	
Palestine, Tex.	7.9	7.1	6.7	6.0	6.1	6.1	6.2	6.3	7.3	8.4	8.9	9.7	10.2	10.3	10.0	9.6	9.5	8.5	7.1	6.3	6.5	6.8	6.9	7.8	
Parkersburg, W. Va.	3.7	3.5	3.4	3.2	3.5	3.3	3.6	4.4	5.5	6.1	6.4	6.5	6.8	7.1	7.6	8.0	7.4	7.0	6.1	4.9	4.3	3.8	3.6	3.8	5.2
Pensacola, Fla.	8.0	7.9	7.4	7.2	6.7	5.7	5.2	6.9	6.9	7.7	8.3	9.3	11.1	12.7	13.7	14.2	14.8	13.5	12.2	10.9	9.0	8.2	7.9	8.1	9.2
Philadelphia, Pa.	8.0	8.1	8.5	7.6	8.6	9.2	10.8	11.6	11.1	10.8	10.3	11.3	11.4	11.6	11.5	11.2	10.9	9.5	8.8	9.5	9.3	8.8	8.2	9.8	
Phoenix, Ariz.	2.8	3.0	2.5	2.8	3.1	3.8	3.8	4.0	3.8	4.3	4.8	4.5	5.1	5.5	5.7	6.0	6.3	6.5	6.6	6.0	4.8	3.9	3.5	3.0	4.4
Pierre, S. Dak.	7.6	8.0	8.0	7.9	7.4	7.7	7.0	7.2	8.8	9.0	9.5	10.4	10.8	11.7	12.4	13.0	12.8	12.6	12.0	11.9	10.7	9.5	8.5	7.2	9.6
Pittsburg, Pa.	3.9	3.8	3.6	3.4	3.8	3.6	3.9	4.5	5.8	6.6	7.1	7.3	7.5	7.8	8.1	8.7	8.2	5.5	5.3	5.0	4.6	4.1	5.6	5.6	5.6
Pt. Reyes Light, Cal.	26.5	26.1	24.5	24.0	24.2	22.5	22.1	22.6	22.1	21.7	21.2	19.7	19.7	19.9	21.1	22.9	23.1	24.6	20.9	28.1	28.5	21.1	27.3	23.6	23.6
Port Angeles, Wash.	5.7	6.1	6.1	6.2	6.2	5.7	5.2	5.5	5.3	3.4	3.9	5.3	6.0	5.9	6.3	6.5	6.7	7.3	8.2	8.1	7.8	7.0	6.0	6.0	6.1
Port Huron, Mich.	8.6	8.7	8.9	9.1	8.4	8.8	8.8	9.2	9.5	10.5	11.8	12.1	13.1	13.9	14.5	14.2	13.7	12.9	11.3	9.8	8.8	8.7	8.5	8.5	10.5
Portland, Me.	6.1	6.0	5.8	5.6	5.5	5.8	6.8	7.3	7.9	8.9	9.8	9.9	9.8	10.6	10.5	10.5	9.8	8.7	7.0	5.8	5.7	6.2	5.8	5.9	7.6
Portland, Oreg.	7.8	7.6	7.1	6.5	6.2	5.5	6.1	5.4	5.0	6.0	7.3	7.7	8.0	9.1	9.7	10.2	10.8	10.8	9.5	9.5	9.2	8.6	8.2	8.5	7.9
Pueblo, Colo.	8.1	6.7	7.3	6.1	5.5	5.4	5.1	4.2	4.4	4.7	6.0	7.4	8.3	8.8	9.8	10.9	11.4	12.5	13.1	13.4	11.8	10.0	8.9	7.8	8.2
Raleigh, N. C.	5.6	5.5	5.4	5.1	4.8	5.1	5.4	6.5	7.1	7.5	7.2	7.3	7.5	7.8	7.6	7.4	5.5	5.1	5.6	5.8	5.7	6.3	6.3	6.3	6.3
Rapid City, S. Dak.	7.1	6.9	6.5	6.3	6.2	6.2	6.8	7.0	7.1	7.1	8.6	8.8	9.9	9.5	9.2	10.1	10.0	10.4	10.4	8.8	6.9	6.0	6.1	8.0	
Red Bluff, Cal.	6.0	6.7	5.8	5.8	6.0	5.6	5.5	5.7	5.1	5.8	7.0	7.5	8.1	7.6	7.8	8.3	8.6	8.3	9.3	9.2	8.8	7.5	7.7	7.2	
Richmond, Va.	5.5	5.5	5.9	5.5	5.1	4.9	5.2	6.6	7.5	7.6	8.1	8.2	8.8	8.7	8.5	8.9	9.0	7.7	7.3	6.4	4.9	5.4	5.9	5.6	6.8
Rochester, N. Y.	5.6	5.7	5.9	5.7	5.5	5.9	5.8	6.3	7.0	6.9	7.0	7.4	8.0	8.2	8.7	9.0	8.3	7.4	6.1	5.9	5.5	5.3	6.0	6.6	6.6
Roseburg, Oreg.	2.7	2.1	2.2	2.3	2.1	2.0	1.7	1.5	1.4	1.7	2.2	3.1	3.5	4.5	5.2	6.5	6.7	7.0	7.8	8.3	7.8	6.7	4.9	3.5	4.1
Sacramento, Cal.	10.2	9.6	9.6	9.2	9.1	9.0	8.8	8.2	7.9	7.8	8.1	8.5	9.4	9.6	10.3	10.7	11.0	11.3	11.1	11.0	10.9	11.6	10.8	10.3	9.8
St. Louis, Mo.	8.0	7.7	8.5	8.4	9.1	8.9	8.5	9.9	9.7	10.2	10.7	10.9	11.3	11.1	11.0	11.0	10.3	9.2	9.6	8.2	8.8	8.5	8.1	9.5	9.5
St. Paul, Minn.	6.0	6.0	5.3	5.3	5.5	5.4	5.8	6.0	6.8	7.8	8.5	9.2	9.8	9.4	10.2	10.5	9.4	9.4	9.0	8.2	6.8	6.5	6.1	7.5	7.5
Salt Lake City, Utah.	4.9	4.7	4.1	4.4	4.2	4.5	3.8	4.5	4.7	5.2	5.9	6.5	7.7	8.8	9.6	9.3	8.9	7.4	7.7	7.0	6.6	5.1	5.2	5.6	6.1
San Antonio, Tex.	11.3	9.7	9.5	8.7	8.1	7.7	7.5	7.9	9.5	11.6	12.4	11.7	11.4	12.3	12.3	12.2	12.8	12.8	13.8	14.8	14.5	13.9	13.1	12.1	11.3
San Diego, Cal.	3.6	3.8	3.8	3.6	3.8	4.5	4.2	4.2	4.0	4.2	5.1	6.6	8.5	10.2	11.5	11.8	11.7	11.4	10.5	9.0	8.0	6.3	4.7	3.6	6.6
Sandusky, Ohio.	6.6	6.7	7.1	7.3	7.7	7.5	7.3	7.7	8.3	8.6	9.1	8.8	9.1	8.7	8.9	8.5	8.2	7.6	7.5	7.1	6.7	7.3	7.5	7.8	
San Francisco, Cal.	12.7	11.7	10.6	10.2	9.1	8.9	8.3	8.1	7.6	7.9	8.8	9.5	10.8	12.8	15.8	18.2	18.7	19.3	20.8	20.5	19.4	18.6	16.0	13.9	13.3
San Luis Obispo, Cal.	3.5	3.3	3.3	3.5	3.3	3.3	3.2	2.8	3.2	3.5	3.9	4.8	5.4	7.0	8.3	9.4	10.3	10.0	9.4	8.9	8.0	6.6	5.6	4.5	5.6
Santa Fe, N. Mex.	5.5	5.2	5.1	4.8	4.6	3.9	4.0	5.1	6.2	8.3	9.5	10.6	12.3	13.8	13.8	14.2	14.1	13.7	9.6	7.0	6.3	5.6	8.3	8.3	8.3
Sault Ste Marie, Mich.	5.7	5.7	6.4	5.9	5.5	5.5	6.9	7.4	8.0	9.6	10.7	12.3	13.1	14.2	15.0	15.1	14.5	13.1	11.5	10.1	8.6	7.1	6.5	6.0	9.4
Savannah, Ga.	7.5	6.9	6.6	6.0	5.8	5.6	5.9	7.4	8.0	7.6	7.3	9.3	10.8	11.6	12.7	12.4	11.9	10.4	8.2	7.8	8.0	8.1	7.5	8.4	8.4
Seattle, Wash.	4.4	4.6	4.5	4.1	4.3	4.2	4.2	4.1	3.9	4.3	4.6	5.1	5.8	6.3	6.5	7.0	7.0	7.3	7.4	7.1	6.4	5.3	4.7	5.4	5.4
Shreveport, La.	7.1	6.5	5.8	5.8	5.6	5.4	5.5	5.9	6.7	7.2	7.7	8.3	8.9	8.6	9.3	9.8	9.0	9.3	8.8	6.8	5.7	7.0	7.3	7.2	
Sioux City, Iowa.	10.2	9.0	9.2	9.0	9.5	9.9	11.0	10.5	10.9	12.7	13.2	14.2	15.8	15.1	15.5	15.4	14.5	14.1	14.4	11.6	9.6	9.0	9.4	11.9	
Spokane, Wash.	5.4	5.6	4.7	4.6	4.8	5.2	5.2	5.5	5.3	6.3	7.4	8.0	9.4	9.9	10.0	10.3	10.2	10.0	9.4	8.6	7.2	5.9	5.0	7.3	
Springfield, Ill.	7.6	7.2	7.8	7.4	7.6	7.5	7.7	7.9	9.5	10.8	11.3	11.5	11.4	11.3	11.3	10.7	10.4	10.8	8.7	7.6	8.2	8.3	8.4	9.2	
Springfield, Mo.	8.9	9.0	9.6	9.0	9.1	9.2	8.2	8.7	9.3	10.1	11.3	12.2	12.5	11.6	10.9	11.5	11.1	11.4	11.2	10.0	9.5	9.0	9.8	9.2	10.1
Tacoma, Wash.	5.9	5.9	5.8	5.1	4.9	4.4	4.3	4.3	4.4	4.6	5.6	6.9	6.4	7.5	7.7	8.3	8.6	8.5	8.1	8.5	8.2	7.3	6.7	6.5	
Tampa, Fla.	5.0	4.6	4.5	4.8	4.3	4.8	4.3	5.9	7.4	7.4	7.8	8.0	9.6	9.3	10.9	11.3	11.7	11.0	9.6	7.0	6.0	5.4	4.5	7.1	
Tatoosh Island, Wash.	9.2	9.8	10.1	9.9	9.7	9.8	9.7	10.8	11.0	10.3	10.7	11.8	11.3	12.2	12.4	11.6	12.0	10.6	10.5	9.9	9.8	9.9	9.8	9.3	10.6
Toledo, Ohio.	7.1	7.0	7.3	7.0	7.2	7.3	7.4	7.9	9.1	9.7	10.5	10.8	10.5	10.8	10.7	10.6	10.0	9.1	7.8	7.1	7.7	7.8	7.0	8.7	
Vicksburg, Miss.	6.5	6.2	6.1	5.9	5.7	5.8	5.6	5.7	6.5	7.0	7.6	8.0	8.9	9.3	9.1	9.0	8.2	7.4	6.5	5.4	5.3	5.2	5.6	6.0	6.8
Vineyard Haven, Mass.	7.9	8.1	7.7	7.4	7.5	8.0	8.7	9.5	10.3	10.5	11.0	10.8	11.6	11.4	11.0	9.8	9.5	8.4	8.0	7.8	7.7	7.9	7.8	9.0	
Walla Walla, Wash.	5.5	5.9	6.3	5.4	5.8	5.4	4.7	4.8	5.2	5.2	6.7	7.4	7.2	7.6	7.6	8.2	8.5	7.9	7.9	7.6	6.1	5.5	6.3	6.5	
Washington, D. C.	4.6	4.4	4.6	4.4	4.0	4.8	6.0	6.6	7.3	7.6	7.7	8.2	8.3	8.8	9.3	8.2	7.7	6.4	5.7	5.1	5.2	4.9	4.5	6.2	
Wichita, Kans.	7.8	7.2	7.4	7.2	7.7	7.8	7.7	7.9	8.6	10.2	10.8	11.4	11.3	10.9	11.3	11.1	10.8	10.9	8.8	7.8	7.5	8.2	9.1		
Williston, N. Dak.	6.1	5.7	5.0	5.5	6.0	5.8	5.5	4.9	5.7	6.6	7.6	8.3	9.8	10.7	10.5	9.6	9.0	9.8	9.3	9.6	8.5	6.8	6.0	7.5	
Wilmington, N. C.	7.3	7.1	6.9	6.6	6.5	6.4	6.7	8.4	8.7	9.8	10.3	10.4	10.8	11.7	13.7	12.7	11.5	10.4	8.4	8.3	8.6	8.4	7.8	9.2	
Winemucca, Nev.	7.8																								

TABLE VII.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of May, 1898.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.						
	N.	S.	E.	W.	Direction from—	Duration.		N.	S.	E.	W.	Direction from—	Duration.					
<i>New England.</i>																		
Eastport, Me.	22	23	15	15	s.	1	Upper Lake Region—Cont'd.	Hours.	Hours.	Hours.	Hours.	o	Hours.					
Portland, Me.	14	29	14	16	s. 8 w.	15	Greenbay, Wis.	25	20	19	12	n. 54 e.	9					
Northfield, Vt.	23	33	4	6	s. 11 w.	10	Duluth, Minn.	27	5	24	16	n. 20 e.	23					
Boston, Mass.	21	20	20	13	n. 82 e.	7	Moorhead, Minn.	34	8	23	14	n. 19 e.	28					
Nantucket, Mass.	18	28	18	14	s. 22 e.	11	Bismarck, N. Dak.	24	9	23	14	n. 41 e.	20					
Woods Hole, Mass.*	6	15	12	6	s. 34 e.	11	Williston, N. Dak.	26	16	25	11	n. 54 e.	17					
Block Island, R. I.	13	21	21	20	s. 7 e.	8	<i>Upper Mississippi Valley.</i>											
New Haven, Conn.	19	24	20	7	s. 69 e.	14	St. Paul, Minn.	22	14	20	19	n. 7 e.	8					
<i>Middle Atlantic States.</i>																		
Albany, N. Y.	22	25	9	11	s. 34 w.	4	La Crosse, Wis. f.	9	16	6	5	s. 16 e.	7					
Binghamton, N. Y. t.	12	10	10	6	n. 63 e.	4	Davenport, Iowa	18	19	22	21	s. 45 e.	1					
New York, N. Y.	23	19	28	7	s. 82 e.	21	Des Moines, Iowa	17	19	30	17	s. 56 e.	4					
Harrisburg, Pa.	22	11	29	13	n. 56 e.	19	Dubuque, Iowa	18	19	17	22	s. 79 w.	5					
Philadelphia, Pa.	20	21	26	9	s. 87 e.	17	Keokuk, Iowa	24	18	22	16	n. 45 e.	8					
Atlantic City, N. J.	16	23	24	12	s. 60 e.	14	Cairo, Ill.	19	27	12	15	s. 21 w.	8					
Cape May, N. J..	23	20	25	6	s. 81 e.	19	Springfield, Ill.	22	21	17	16	n. 45 e.	1					
Baltimore, Md.	23	13	28	14	n. 54 e.	17	Hannibal, Mo. t.	9	12	6	10	s. 52 w.	5					
Washington, D. C.	24	19	18	8	n. 63 e.	11	St. Louis, Mo.	24	19	16	15	n. 11 e.	5					
Lynchburg, Va.	22	23	18	16	s. 63 e.	2	<i>Missouri Valley.</i>											
Norfolk, Va.	17	25	23	13	s. 51 e.	13	Columbia, Mo.*	9	9	11	8	e.	3					
Richmond, Va.	25	20	15	16	n. 11 w.	5	Kansas City, Mo.	19	20	24	15	s. 84 e.	9					
<i>South Atlantic States.</i>																		
Charlotte, N. C.	9	32	22	10	s. 43 e.	18	Springfield, Mo.	15	27	19	18	s. 5 e.	12					
Hatteras, N. C.	19	25	15	12	s. 27 e.	7	Lincoln, Nebr.	27	20	21	11	n. 55 e.	12					
Raleigh, N. C.	21	25	8	21	s. 73 w.	14	Omaha, Nebr.	24	18	16	20	n. 34 w.	7					
Wilmington, N. C.	8	28	12	14	s. 6 w.	20	Sioux City, Iowa†	14	9	12	8	n. 39 e.	6					
Charleston, S. C.	8	32	8	23	s. 32 w.	28	Pierre, S. Dak.	23	12	28	10	n. 59 e.	21					
Augusta, Ga.	14	29	12	17	s. 18 w.	16	Huron, S. Dak.	27	11	24	12	n. 37 e.	20					
Savannah, Ga.	7	37	8	19	s. 20 w.	32	Yankton, S. Dak. t.	11	5	10	11	n. 9 w.	6					
Jacksonville, Fla.	6	34	21	16	s. 10 e.	28	<i>Northern Slope.</i>											
<i>Florida Peninsula.</i>																		
Jupiter, Fla.	3	23	30	13	s. 40 e.	26	Havre, Mont.	14	13	32	14	n. 87 e.	18					
Key West, Fla.	12	14	41	8	s. 87 e.	33	Miles City, Mont.	23	11	21	20	s. 5 e.	12					
Tampa, Fla.	18	9	17	32	n. 59 w.	18	Helena, Mont.	18	19	7	32	s. 88 w.	25					
<i>Eastern Gulf States.</i>																		
Atlanta, Ga.	17	18	8	35	s. 88 w.	27	Rapid City, S. Dak.	21	14	22	20	n. 16 e.	7					
Pensacola, Fla.	11	30	4	32	s. 56 w.	34	Cheyenne, Wyo.	21	19	13	20	n. 74 w.	7					
Mobile, Ala.	15	31	3	24	s. 53 w.	26	Lander, Wyo.	20	18	16	29	n. 81 w.	13					
Montgomery, Ala.	14	20	7	35	s. 78 w.	29	North Platte, Nebr.	21	18	17	18	n. 18 w.	3					
Vicksburg, Miss.	10	34	13	17	s. 9 w.	34	<i>Middle Slope.</i>											
New Orleans, La.	6	40	7	17	s. 16 w.	35	Denver, Colo.	18	28	18	13	s. 27 e.	11					
<i>Western Gulf States.</i>																		
Shreveport, La.	7	37	32	12	s. 34 e.	30	Pueblo, Colo.	21	15	22	16	n. 45 e.	8					
Fort Smith, Ark.	17	19	31	10	s. 85 e.	21	Concordia, Kans.	22	18	21	16	n. 59 e.	6					
Little Rock, Ark.	13	29	19	13	s. 21 e.	17	Dodge City, Kans.	23	21	19	13	n. 72 e.	6					
Corpus Christi, Tex.	6	37	41	1	s. 52 e.	51	Wichita, Kans.	20	26	17	12	s. 40 e.	8					
Galveston, Tex.	4	46	18	6	s. 16 e.	44	Oklahoma, Okla.	13	35	15	7	s. 20 e.	23					
Palestine, Tex.	9	45	8	6	s. 3 e.	36	<i>Southern Slope.</i>											
San Antonio, Tex.	7	38	35	2	s. 47 e.	45	Abilene, Tex.	11	36	10	9	s. 2 e.	25					
<i>Ohio Valley and Tennessee.</i>																		
Chattanooga, Tenn.	21	20	9	28	s. 37 w.	19	Amarillo, Tex.	14	29	10	16	s. 22 w.	16					
Knoxville, Tenn.	19	21	18	18	s.	2	<i>Southern Plateau.</i>											
Memphis, Tenn.	13	30	13	18	s. 16 w.	18	El Paso, Tex.	13	12	10	40	n. 88 w.	30					
Nashville, Tenn.	23	15	12	27	n. 62 w.	17	Santa Fe, N. Mex.	12	25	17	24	s. 28 w.	15					
Lexington, Ky.	21	23	15	18	s. 56 w.	4	Phoenix, Ariz.	18	10	21	29	n. 45 w.	11					
Louisville, Ky.	22	23	9	18	s. 84 w.	9	Yuma, Ariz.	11	20	6	35	s. 73 w.	30					
Evansville, Ind. t.	8	12	10	7	s. 37 e.	5	Independence, Cal.	24	17	11	29	n. 69 w.	19					
Indianapolis, Ind.	25	16	15	19	n. 24 w.	10	<i>Middle Plateau.</i>											
Cincinnati, Ohio	27	20	15	12	n. 23 e.	8	Carson City, Nev.	8	24	7	35	s. 60 w.	32					
Columbus, Ohio	26	20	12	15	n. 27 w.	7	Winnebemucca, Nev.	17	25	11	23	n. 56 w.	14					
Pittsburg, Pa.	31	15	7	18	n. 34 w.	19	Salt Lake City, Utah.	15	27	17	20	s. 14 w.	12					
Parkersburg, W. Va.	23	18	12	21	n. 61 w.	10	<i>Northern Plateau.</i>											
<i>Lower Lake Region.</i>																		
Buffalo, N. Y.	10	26	16	23	s. 24 w.	18	Baker City, Oreg.	27	23	15	12	n. 37 e.	5					
Oswego, N. Y.	11	24	18	25	s. 28 w.	15	Idaho Falls, Idaho	16	34	7	13	s. 18 w.	19					
Rochester, N. Y.	17	19	17	29	s. 81 w.	12	Spokane, Wash.	15	26	23	13	s. 42 e.	15					
Erie, Pa.	11	18	12	26	s. 63 w.	16	Walla Walla, Wash.	10	34	12	13	s. 2 w.	24					
Cleveland, Ohio	27	22	14	15	n. 11 w.	5	<i>North Pacific Coast Region.</i>											
Sandusky, Ohio	18	20	19	20	s. 27 w.	2	Fort Canby, Wash.	20	20	12	19	w.	7					
Toledo, Ohio	16	20	16	18	s. 27 w.	4	Port Angeles, Wash. *	13	0	8	18	n. 38 w.	16					
Detroit, Mich.	22	18	14	21	n. 60 w.	8	Seattle, Wash.	20	26	11	14	s. 27 w.	7					
<i>Upper Lake Region.</i>																		
Alpena, Mich.	23	21	18	20	n. 63 w.	2	Tacoma, Wash.	21	21	5	29	w.	24					
Grand Haven, Mich.	22	19	12	22	n. 73 w.	10	Tatooch Island, Wash.	4	30	16	18	s. 4 w.	26					
Marquette, Mich.	26	14	10	27	n. 55 w.	21	Portland, Oreg.	22	19	10	23	n. 77 w.	13					
Port Huron, Mich.	29	23	6	8	n. 18 w.	6	Roseburg, Oreg.	30	13	18	16	n. 7 e.	17					
Sault Ste. Marie, Mich.	18	8	21	29	n. 39 w.	13	<i>Middle Pacific Coast Region.</i>											
Chicago, Ill.	25	21	18	13	n. 51 e.	6	Eureka, Cal.	22	18	10	22	n. 72 w.	13					
Milwaukee, Wis.	29	15	20	15	n. 20 e.	15	Redbluff, Cal.	23	16	16	14	n. 16 e.	7					
							Sacramento, Cal.	7	43	8	23	s. 22 w.	39					
							San Francisco, Cal.	1	23	3	46	s. 68 w.	48					
							<i>South Pacific Coast Region.</i>											
							Fresno, Cal.	28	10	5	39	n. 62 w.	38					
							Los Angeles, Cal.	2	27	6	30	s. 44 w.	35					
							San Diego, Cal.	21	13	5	37	n. 76 w.	33					
							San Luis Obispo, Cal.	16	7	2	44	n. 78 w.	43					

* From observations at 8 p. m. only.

† From observations at 8 a. m. only.

TABLE VIII.—*Thunderstorms and auroras, May, 1898.*

States.	No. of stations.	Total.																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	No.	Days.			
Alabama.....	55	T.	.	.	.	1	3	3	3	.	1	.	2	1	2	1	6	5	.	1	5	.	4	1	39	15	T.			
Arizona.....	56	T.	1	1	3	3	.	.	1	3	1	.	14	11	10	2	.	3	1	5	5	3	.	127	20	A.				
Arkansas.....	59	T.	14	10	11	12	13	2	.	2	.	4	1	.	3	1	.	14	11	10	2	.	3	1	5	5	3	.	127	20	T.					
California.....	180	T.	.	.	1	.	3	3	.	2	1	2	2	1	.	1	2	3	2	.	.	.	.	.	.	.	.	23	12	A.	
Colorado.....	72	T.	4	3	3	4	2	.	2	5	1	3	3	9	9	3	8	7	5	15	7	1	12	10	16	5	2	3	2	5	3	152	28	T.		
Connecticut.....	21	T.	A.	2	.	5	1	13	5	1	.	1	28	6	T.				
Delaware.....	5	T.	A.	.	.	1	1	.	.	.	3	1	1	2	3	.	.	1	.	.	.	.	.	.	.	1	16	0	A.		
Dist. of Columbia	4	T.	A.	.	.	.	.	.	.	1	.	.	.	.	1	.	1	1	.	1	1	.	.	.	.	1	5	0	5	0	T.
Florida.....	45	T.	A.	.	.	2	1	1	.	.	4	1	1	1	2	1	5	2	2	1	3	.	6	3	1	2	4	43	19	A.						
Georgia.....	55	T.	A.	.	.	8	.	.	.	6	1	5	2	6	2	1	7	1	1	6	7	8	3	7	.	1	10	2	84	0	A.					
Idaho.....	38	T.	1	.	.	3	2	1	1	4	2	.	1	1	5	5	7	5	2	1	1	3	2	1	5	8	6	4	3	1	74	24	T.			
Illinois.....	86	T.	8	4	3	4	3	2	.	1	7	13	6	4	11	11	8	4	32	33	27	24	.	9	1	29	7	27	2	4	284	26	A.			
Indiana.....	57	T.	4	1	.	2	.	.	2	9	4	.	2	12	6	2	6	15	6	16	4	.	.	.	3	1	9	.	104	0	T.					
Indian Territory.	7	T.	3	1	1	2	1	.	.	.	.	.	.	.	.	.	1	2	3	1	1	.	.	.	1	2	2	2	23	14	A.
Iowa.....	120	T.	2	3	.	.	1	.	1	8	2	.	4	2	2	30	23	14	20	23	.	6	10	17	2	9	.	18	198	20	T.					
Kansas.....	85	T.	12	2	4	4	2	.	2	1	5	1	10	12	16	2	10	9	12	15	5	.	4	8	9	18	6	1	4	3	18	195	0	A.		
Kentucky.....	48	T.	.	1	1	10	3	.	6	2	3	1	2	7	8	.	3	3	10	9	7	1	4	3	8	16	2	.	110	22	T.					
Louisiana.....	46	T.	1	3	2	1	2	.	.	.	.	.	.	.	.	.	3	1	4	9	6	4	9	2	5	.	1	6	59	18	T.
Maine.....	18	T.	A.	1	.	2	4	0	3	0	A.				
Maryland.....	40	T.	A.	.	.	4	4	1	2	.	4	18	2	1	14	27	1	15	10	11	7	5	11	7	4	.	1	1	3	153	34	T.				
Massachusetts....	59	T.	A.	.	.	.	.	.	.	3	1	.	.	.	1	.	15	7	.	.	.	.	.	.	.	1	1	28	6	T.	
Michigan.....	104	T.	5	14	.	.	3	5	11	35	23	7	23	2	3	1	1	1	131	12	A.			
Minnesota.....	67	T.	2	.	.	.	1	.	.	.	.	.	.	.	.	19	11	1	11	10	.	.	5	12	6	1	3	6	84	11	T.
Mississippi.....	43	T.	1	7	.	10	1	.	1	.	.	.	.	.	.	9	7	5	3	5	6	.	.	.	6	2	63	18	A.		
Missouri.....	95	T.	28	1	10	9	3	2	3	13	17	10	20	18	25	29	12	19	28	24	20	.	.	.	10	20	16	20	.	13	370	24	T.			
Montana.....	40	T.	.	3	.	1	.	1	1	9	4	3	3	2	1	3	.	.	5	1	2	1	1	3	.	3	1	46	17	T.						
Nebraska.....	144	T.	1	.	1	.	1	1	1	3	1	3	7	1	.	15	1	11	16	4	1	4	3	7	12	3	1	1	5	105	0	T.				
Nevada.....	50	T.	2	1	.	1	.	.	.	1	4	3	1	4	3	4	4	2	.	.	.	1	.	1	2	.	34	0	A.							
New Hampshire.....	21	T.	A.	.	.	2	14	3	.	31	10	.	7	24	1	.	20	24	3	2	14	10	.	.	.	.	.	.	165	14	T.
New Jersey.....	51	T.	A.	.	.	2	14	3	.	31	10	.	7	24	1	.	20	24	3	2	14	10	.	.	.	.	.	.	0	0	A.
New Mexico.....	34	T.	A.	1	.	2	2	2	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	9	0	6	0	T.
New York.....	113	T.	2	6	3	.	.	2	2	.	1	19	20	.	1	2	2	3	3	4	10	10	9	5	1	.	.	141	19	A.						
North Carolina...	57	T.	.	.	12	14	3	.	.	4	11	6	6	15	14	7	1	8	6	7	13	18	13	11	14	1	4	7	23	2	215	0	T.			
North Dakota...	52	T.	A.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	11	.	.	.	.	.	1	2	16	4	T.
Ohio.....	134	T.	11	2	1	1	1	15	24	4	1	11	22	14	1	38	47	29	31	28	4	7	.	.	1	26	3	1	1	321	22	T.				
Oklahoma.....	21	T.	3	1	5	3	.	.	1	.	2	1	2	1	2	3	.	.	1	1	2	3	.	1	1	33	7	A.								
Oregon.....	72	T.	A.	.	.	.	1	2	2	1	3	3	5	6	.	.	.	.	1	2	4	2	3	1	3	1	40	0	A.			
Pennsylvania.....	105	T.	1	3	1	1	1	3	16	.	1	10	23	1	7	36	26	10	9	16	18	12	3	.	.	.	.	195	21	A.		
Rhode Island....	8	T.	A.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	1	.	.	.	.	.	.	.	5	0	2	0	A.	
South Carolina...	40	T.	A.	.	1	12	.	.	1	5	.	3	3	4	4	4	4	3	1	6	2	4	6	12	4	.	5	14	1	99	21	T.				
South Dakota....	56	T.	A.	.	.	.	.	.	.	1	1	1	1	1	1	12	3	3	4	3	.	7	10	9	3	3	2	4	69	17	T.
Tennessee.....	59	T.	1	3	3	3	11	8	.	3	.	14	5	6	7	5	4	5	2	4	7	14	10	.	7	1	13	10	8	.	154	24	T.			
Texas.....	89	T.	5	8	1	6	11	1	.	9	1	.	.	.	.	.	.	5	4	4	6	.	1	.	2	3	7	7	78	17	T.
Utah.....	38	T.	3	3	2	.	2	.	.	.	.	.	1	2	1	4	1	.	.	4	.	.	1	1	1	1	1	0	26	13	A.
Vermont.....	14	T.	A.	.	.	.	.	.	.	2	7	1	.	.	.	3	.	.	1	.	.	.	.	1	.	.	0	5	0	A.	
Virginia.....	48	T.	1	.	2	19	12	.	1	.	2	12	.	18	13	.	2	7	4	9	12	3	8	7	14	1	8	9	12	.	176	22	T.			
Washington.....	50	T.	A.	.	.	.	.	.	.	.	.	.	.	.	1	7	1	1	.	.	1	.	.	.	.	12	.	23	6	T.	
West Virginia...	33	T.	1	.	1	3	3	.	.	.	.	.	.	8	7	.	3	2	3	10	1	1	2	2	5	1	3	.	53	16	T.
Wisconsin.....	60	T.	4	9	A.	2	.	3	4	3	1	1	2	3	2	.	.	1	7	4	6	3	2	1	1	1	1	27	13	A.		
Wyoming.....	17	T.	A.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	1	.	1	1	2	1	0	0	0	A.
Sums	2,871	T.	102	96	59	59	115	84	37	27	24	76	150	212	105	118	212	237	151	267	425	304	281	158	123	160	178	149	137	125	142	122	110	4,545	40	T.

TABLE IX.—Average hourly sunshine (in percentages), May, 1898.

Stations.	Instrument.	Percentages for each hour of local mean time ending with the respective hour.												Hours of sunshine.							
		A. M.						P. M.						Total.							
		5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	Actual.	Possible.	Percent of possible.	
																			Personal estimate.		
Albany, N. Y.	T.	29	30	41	56	67	75	79	77	65	69	66	62	51	35	20	15	250.7	454.9	55	28
Atlanta, Ga.	T.	95	78	79	88	89	89	92	92	94	91	88	74	69	63	61	75	355.1	432.6	53	66
Atlantic City, N. J.	P.	41	39	38	35	42	46	44	35	49	54	49	51	46	40	42	43	194.4	443.8	44	34
Baltimore, Md.	T.	30	30	40	60	64	69	75	85	84	86	81	71	66	54	39	39	283.4	443.8	64	36
Binghamton, N. Y.	T.	19	23	28	35	41	53	60	66	63	64	53	52	34	23	20	18	193.5	451.9	43	31
Bismarck, N. Dak.	P.	44	49	55	65	66	65	60	56	53	57	63	59	53	41	36	32	253.8	467.4	54	56
Boston, Mass.	T.	25	31	41	45	47	53	49	56	59	62	52	49	36	27	22	6	198.5	451.9	44	33
Buffalo, N. Y.	T.	9	17	47	56	63	71	77	82	82	80	79	73	67	40	21	16	207.7	454.9	59	29
Charleston, S. C.	T.	53	57	64	67	75	89	82	92	82	82	85	71	71	61	59	100	318.4	430.7	74	66
Chattanooga, Tenn.	T.	74	61	60	71	88	89	84	81	71	75	71	69	67	42	42	62	302.1	434.2	70	57
Cheyenne, Wyo.	P.	40	39	47	53	51	53	49	46	49	47	44	39	35	34	32	19	193.6	449.1	43	37
Chicago, Ill.	T.	46	42	45	54	63	67	71	70	71	71	64	49	35	34	43	237.7	451.9	57	57	
Cincinnati, Ohio	T.	54	49	53	51	61	73	80	83	85	85	81	79	75	62	55	67	307.2	443.8	69	57
Cleveland, Ohio	T.	9	8	8	17	30	39	50	54	57	55	60	54	38	27	24	39	165.7	451.9	37	39
Columbia, Mo.	T.	45	46	45	59	68	75	79	78	78	76	72	74	64	52	43	44	286.3	443.8	65	41
Columbus, Ohio	T.	46	42	49	59	74	82	88	86	88	87	85	80	69	64	47	58	317.1	446.7	71	45
Denver, Colo.	P.	68	60	57	59	56	56	55	56	46	50	53	49	41	39	38	33	228.8	446.7	51	35
Des Moines, Iowa	T.	51	43	45	51	55	51	55	49	57	50	41	35	35	35	35	29	204.7	451.9	45	42
Detroit, Mich.	T.	38	35	38	54	60	67	74	67	70	72	64	61	51	43	54	281.9	451.9	58	50	
Dodge City, Kans.	P.	38	42	45	53	55	61	59	58	62	65	65	57	53	30	46	242.3	441.7	55	50	
Dubuque, Iowa	T.	39	37	48	48	60	69	83	83	87	88	74	68	61	45	32	31	280.1	451.9	62	50
Eastport, Me.	P.	20	25	35	35	42	50	50	55	55	56	58	56	49	45	36	31	210.3	460.7	46	31
Erie, Pa.	T.	23	19	24	29	45	56	62	65	68	62	66	61	46	44	47	62	221.9	451.9	49	36
Eureka, Cal.	P.	14	18	25	40	42	46	53	52	63	66	60	54	49	40	44	40	210.3	449.1	47	36
Fresno, Cal.	T.	59	61	67	83	86	96	98	97	96	89	86	83	79	75	61	60	362.7	439.0	83	69
Galveston, Tex.	P.	21	57	84	84	85	82	75	78	78	74	77	72	69	50	29	29	287.5	421.8	68	54
Harrisburg, Pa.	T.	81	34	44	52	64	70	73	78	79	70	70	64	62	55	35	33	267.5	446.7	60	35
Helena, Mont.	P.	16	24	34	38	45	41	42	40	42	40	34	30	26	29	27	23	159.2	467.4	34	35
Huron, S. Dak.	T.	22	25	32	34	42	61	67	70	77	73	68	53	50	35	27	19	152.2	304.7	50	36
Idaho Falls, Idaho †	T.	41	39	40	51	59	67	71	77	74	69	60	54	49	44	39	42	250.8	446.7	56	42
Indianapolis, Ind.	T.	60	88	88	92	97	97	97	95	95	87	82	80	73	67	67	67	374.3	423.7	88	66
Jacksonville, Fla.	P.	29	32	39	49	47	49	54	48	41	47	49	40	33	35	33	33	181.5	448.8	41	39
Kansas City, Mo.	T.	38	46	46	55	79	83	83	83	93	91	87	85	77	60	59	59	310.4	414.6	75	74
Key West, Fla.	T.	50	51	56	68	82	90	94	95	92	90	91	87	84	72	63	73	349.1	436.7	80	76
Knoxville, Tenn.	T.	74	67	67	70	71	70	80	78	78	74	69	67	60	64	75	304.1	434.2	70	51	
Little Rock, Ark.	T.	45	42	43	46	55	59	64	71	68	75	76	80	77	75	86	86	278.4	432.6	64	53
Los Angeles, Cal.	T.	67	53	58	60	65	64	64	73	77	73	73	65	61	61	64	71	239.2	441.7	65	51
Louisville, Ky.	T.	23	23	28	37	51	58	66	68	63	66	57	50	45	31	21	21	214.5	460.7	47	37
Minneapolis, Minn.	T.	83	69	71	82	91	94	97	95	91	93	93	86	81	74	64	71	368.0	436.7	84	66
Nashville, Tenn.	T.	60	65	69	78	86	89	85	88	84	77	72	69	60	57	52	52	318.8	423.7	74	71
New Orleans, La.	T.	15	17	20	40	42	45	53	56	57	59	57	50	43	33	17	5	187.0	449.1	42	32
New York, N. Y.	P.	23	29	33	44	50	46	41	41	42	37	39	37	33	37	33	16	168.9	457.9	37	27
Oklahoma, Okla.	T.	67	49	50	64	73	79	79	83	84	84	82	76	63	54	75	61	311.6	434.2	72	66
Omaha, Nebr.	P.	47	42	48	54	54	53	51	52	48	44	42	42	36	38	38	210.9	449.1	47	37	
Parkersburg, W. Va.	T.	26	29	30	38	56	64	60	58	61	65	66	59	53	36	34	39	222.5	443.8	50	45
Philadelphia, Pa.	T.	40	39	42	40	42	49	56	58	67	63	57	52	45	39	33	23	215.5	446.7	48	30
Phoenix, Ariz.	P.	80	74	81	90	94	96	97	95	96	93	94	91	85	78	100	887.0	430.7	90	84	
Pittsburg, Pa.	T.	36	32	33	37	51	64	73	76	67	64	67	63	52	45	32	34	239.7	449.1	53	34
Portland, Me.	T.	7	22	39	51	66	71	74	75	72	76	68	68	49	36	17	5	241.7	457.9	53	34
Portland, Oreg.	T.	23	31	47	57	63	65	68	72	71	66	58	63	58	47	44	36	259.0	464.1	56	54
Raleigh, N. C.	T.	17	19	22	51	66	84	95	90	90	88	87	85	72	60	37	43	294.4	436.7	67	52
Rochester, N. Y.	T.	30	31	34	42	50	47	52	62	61	60	59	45	42	26	16	16	139.0	454.9	44	41
St. Louis, Mo.	T.	25	20	24	51	71	81	79	81	85	88	84	76	70	63	47	67	292.2	443.8	66	44
St. Paul, Minn.	P.	30	31	39	46	50	54	59	59	55	58	53	52	47	39	34	234.4	460.7	49	45	
Salt Lake City, Utah.	P.	29	31	36	47	56	52	50	53	50	57	63	56	55	46	35	33	218.1	449.1	49	24
San Diego, Cal.	P.	33	29	31	35	44	56	60	73	77	83	82	76	72	63	57	50	259.2	430.7	60	70
San Francisco, Cal.	T.	16	10	27	42	62	73	83	85	85	80	79	75	67	46	27	29	262.9	441.7	60	41
Santa Fe, N. Mex.	P.	88	82	89	95	93	91	93	91	88	88	88	87	82	73	57	100	360.2	428.4	84	73
Savannah, Ga.	T.	38	42	47	57	59	66	74	78	72	77	65	66	56	34	28	22	266.5	471.1	57	55
Seattle, Wash.	T.	48	57	62	71	80	80	86	84	86	88	89	84	81	63	47	34	345.0	471.3	73	53
Spokane, Wash.	T.	51	46	40	49	58	65	76	75	75	77	70	65	58	46	29	23	270.4	467.4	58	55
Tacoma, Wash.	T.	94	94	81	81	80	82	83	84	89	88	86	84	92	94	94	94	363.8	419.8	87	85
Tampa, Fla.	T.	50	39	39																	

TABLE X.—Accumulated amounts of precipitation for each 5 minutes, for storms in which the rate of fall equaled or exceeded 0.25 in any 5 minutes, or 0.75 in 1 hour during May, 1898, at all stations furnished with self-registering gauges.

* Record incomplete.

+ May 31-June 1.

TABLE XI.—*Excessive precipitation, by stations, for May, 1898.*

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		
		Amt.	Day.	Amt.	Time.	Day.
Arkansas.	Inches.	Inches.				
Conway		3.70	1-2	Ins.	h.m.	
Do		2.95	21			
Dallas	14.28	6.31	1-2			
Fayetteville	10.42	2.95	4			
Fort Smith		2.78	20-21			
Helena (a)		3.07	19-20			
Hot Springs		3.05	1-2			
Do		3.50	20-21			
Keesees Ferry		2.71	3-4			
Little Rock		3.17	21	1.76	1 00	21
Lonoke		3.00	1-2			
Mano	13.89	3.50	21	2.00	0 40	1
Moore		3.00	1			
Do		3.00	21			
Mossville	11.33	6.47	4-5			
Pond	11.68					
Spielerville	11.05	2.54	24			
Stuttgart		2.82	19			
Witts Springs	10.61	5.51	4-5			
California.						
Fort Ross		3.43	15			
Mount Tamalpais		2.65	15			
Colorado.						
Denver				1.24	0 35	27
Connecticut.						
Middletown	Florida.	2.87	26-27			
Key West		2.58	11-12	1.50	1 00	11
St. Andrews				1.50	1 00	25
St. Francis Barracks	Georgia.	2.85	25-26			
Elberton		3.45	18	3.45	1 00	18
Waynesboro	Idaho.			2.05	1 10	18
Albany Falls	Illinois.	2.60	27			
Bloomington				1.13	1 00	30
Cambridge				1.10	1 00	20
Carlyle		4.14	29			
Halliday		3.58	20			
Laharpe		3.60	19			
Morrisonville	Indiana.	3.96	19-20			
Crawfordsville		10.57	3.05	18		
Kokomo		2.89	19			
Lafayette		2.62	19			
Marion	Indian Territory.	3.29	19			
Purcell		5.70	3-4	1.49	0 45	20
South McAlester		10.23	4.62	3-4		
Do		3.87	19-20			
Tahlequah		11.46	3.62	4		
Tulsa		3.70	4			
Wagoner		12.16	6.18	3-4		
Do	Iowa.	3.30	19-20			
Cedarfalls				2.00	1 00	31
Clearlake		3.73	21			
Fort Madison		2.97	19			
Keokuk		3.10	18-19			
Keosauqua		2.68	19			
Mason City		2.50	22			
Mountayr	Kansas.	2.82	20	2.82	1 40	20
Anthony		10.33	2.70	1		
Do		2.90	18			
Atchison		10.32				
Augusta		3.50	1	1.23	1 00	31
Burlington		2.73	1			
Chanute		2.89	16			
Cunningham		3.10	26			
Dodge City		10.31	5.32	25-26	1.25	0 43
Do				1.65	1 00	25
Eureka		8.42	1			
Fanning		2.65	12			
Fort Scott		3.01	24-25			
Garfield		2.61	25			
Gove		10.42				
Hays				2.00	1 20	26
Independence		2.71	3-4			
Lebo		2.60	1			
Macksville				1.10	0 30	1
Morantown		3.27	15			
Ness City				1.56	0 50	25
Norwich				1.20	0 30	26
Olathe		11.88	2.90	14		
Ottawa		11.88	4.06	14-15		
Pratt		11.20	5.30	25-26		
Rome				1.22	0 18	15
Do				1.12	1 00	25
Do				1.54	0 40	31
Ulysses		4.04	25			
Wichita		2.88	31	2.25	1 50	31
Yates Center	Kentucky.	2.88	1			
Carrollton		2.88	6			
Ensor		2.55	6			
Lexington	Louisiana.	2.61	6-7			
Grand Coteau				1.05	0 45	31

TABLE XI.—*Excessive precipitation—Continued.*

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		
		Amt.	Day.	Amt.	Time.	Day.
Maryland.	Inches.	Inches.				
Bachmans Valley	12.29	4.40				
Michigan.						
Baraga		4.11				
Hanover		2.62	20-21			
Minnesota.						
Bingham Lake		2.60	20-21			
Caledonia		3.25	26-27			
Lake Jennie		2.80	26-27			
Mapleplain		2.70	21			
Minneapolis						
Mississippi.						
Austin		2.60	20			
Burke						
Missouri.						
Arlington		3.40	20			
Bethany		2.80	18			
Birchtree		2.50	4			
Brunswick	11.88	3.17	19-20			
Carrolton		2.65	*			
Darksville		10.60				
Fairport		2.65	31			
Farmersville		2.92	31			
Gallatin		3.00	31			
Gordonville		3.04	26			
Houstonia		2.50	15-16			
Kansas City		2.03	*			
Kidder	11.17	2.64	11			
Lamonte	11.28	3.12	15			
Lexington		2.98	1			
Marblehill		2.57	28			
Marshall		2.50	14			
Mineralspring	12.43	4.53	20-21			
Mount Vernon	10.70	3.04	1			
Do		3.00	4			
Neosho	10.43	2.93	1			
Do		3.39	3-4			
Oakmound		2.04	3-4			
Olden		2.87	3-4			
Pickering		2.56	26-27			
Princeton		2.95	18-19			
St. Charles		3.05	29			
St. Louis						
Do						
Sareoxie		2.62	1			
Seymour		2.72	20-21			
Shelbina	10.40	2.50	13-14			
Sublett	19.22	5.50	19			
Nebraska.						
Brokenbow						
Imperial		3.00	15			
Nesbit		2.55	16-17			
Republican						
Seneca						
Tablerock		2.52	17			
Wallace		3.00	17			
New Jersey.						
Plainfield		2.75	7-8			
New York.						
Setauket		3.00	26			
North Carolina.						
Edenton	10.03	2.80	6			
Do		2.80	26			
Greensboro		2.52	22-23			
Raleigh		3.21	15-16			
Wilmington						
North Dakota.						
Wildrice		2.54	25			
Oklahoma.						
Anadarko	10.13	7.60	3-4			
Arapaho		2.78	3			
Burnett	12.45	8.50	3-4			
Clifton	10.64	2.70	1			
Do		6.97	3-4			
Fort Reno		3.38	2-3			
Guthrie		2.50	3-4			
Hennessey		2.50	1			
Jefferson		3.00	1			
Kingfisher		5.25	2-3			
Norman	11.74	9.21	3-4			
Oklahoma.		6.76	2-4			
Sac and Fox Agency	10.18	7.25	3-4			
Stillwater		3.45	2-3			
Winnview	13.38	5.00	*			
Do		3.05	2-3			
Pennsylvania.						
Cassandra		2.65	15-16			
Hamburg		3.92	7-8			
Lebanon						
Westtown						
Rhode Island.						
Narragansett Pier		2.65	8-9			
South Carolina.						
Batesburg						
Smiths Mills						
Do						
Trial		4.06	24-25			
South Dakota.						
Chamberlain		3.12	26-27			
Flandreau		2.64	17			
Do		3.00	20			

TABLE XI.—*Excessive precipitation*—Continued.

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		Time. Day.
		Amt.	Day.	Amt.	Time. Day.	
<i>South Dakota—Continued.</i>						
Forestburg	Inches.	Inches.	Inches.	h.m. 00	20	
Hotch City		4.45	17			
Mennos		2.85	17			
Do.		2.59	20			
Parker		3.37	20-21			
Sioux Falls		4.05	20-21			
Tyndall		3.20	17			
Wentworth		2.59	17			
Wolsey		2.50	17			
<i>Tennessee.</i>						
Arlington		2.60	21			
Johnsonville		3.38	21-22			
<i>Texas.</i>						
Arthur City		3.16	20-21			
Beeville		2.65	9-10			
Boerne				1.30	0 45	
Brownwood				3.70	2 8.70 1 15	5
Do.					1.05 0 50	5
Coleman		5.00	9-10			
Emory				1.45	1 00	5

TABLE XI.—*Excessive precipitation*—Continued.

Stations.	Monthly rainfall 10 inches, or more.	Rainfall 2.50 inches, or more, in 24 hours.		Rainfall of 1 inch, or more, in one hour.		Time. Day.
		Amt.	Day.	Amt.	Day.	
<i>Texas—Continued.</i>						
Forestburg	Inches.	Inches.	Inches.	h.m. 00	21	
Gainesville		3.00				
Galveston		2.75	20-21			
Henrietta		2.50	19-20			
Honeygrove		2.86	19-20			
Huntsville		4.95	22-23			
Jasper		2.75	22			
Mount Blanco						
New Braunfels						
Do.						
Runge						
San Marcos		4.21	22			
<i>Virginia.</i>						
Blacksburg		2.51	6			
Charlottesville		2.50	22			
Lynchburg		3.54	5-6			
<i>Wisconsin.</i>						
Osceola		2.95	26-27			
Watertown		2.64	17-18	1.80	1 30	18

* April 30-May 1.